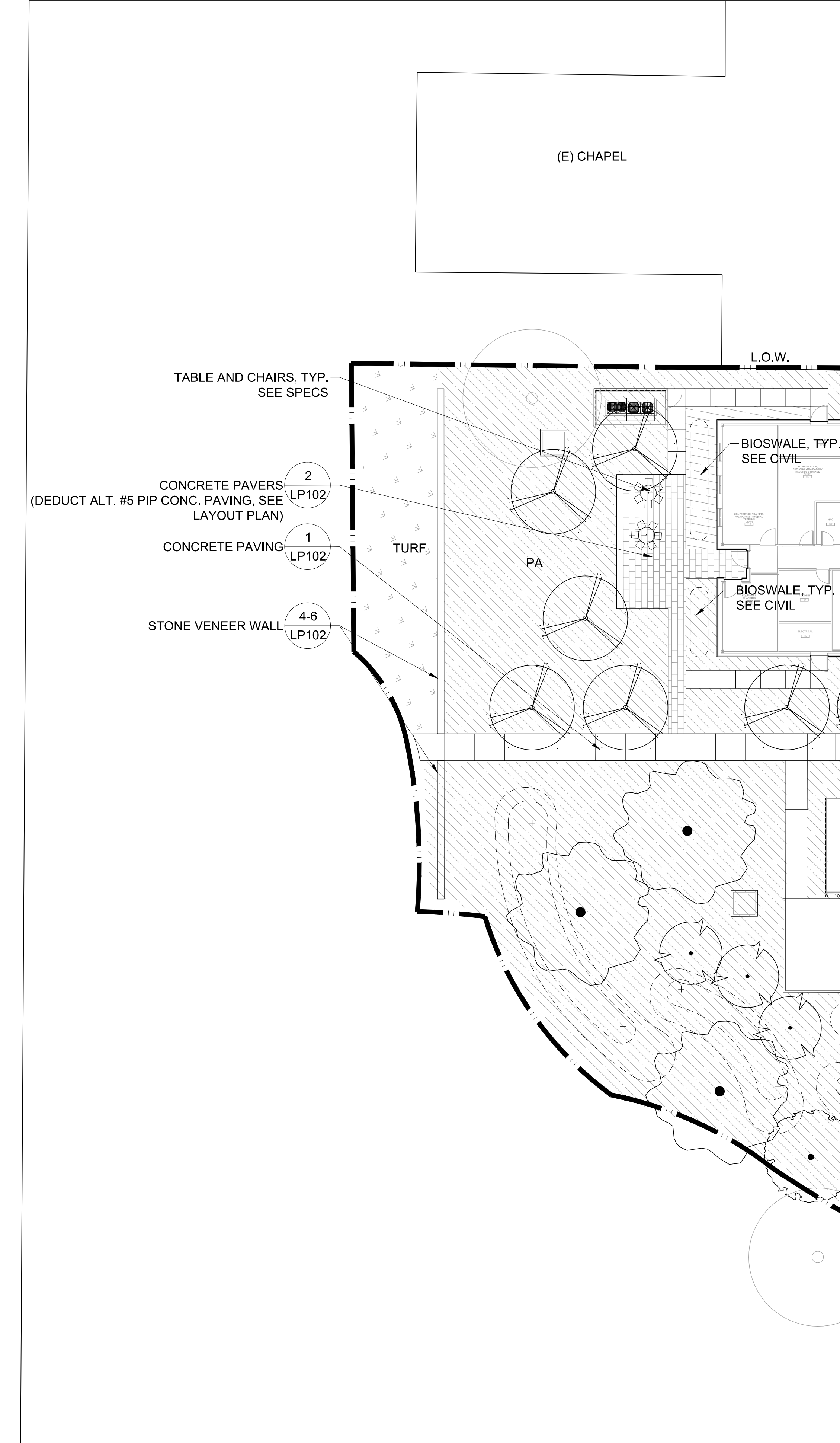




three inches  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot

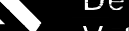


### ALTERNATIVE A - REPLACE BERM WITH WALL

CONSULTANTS:

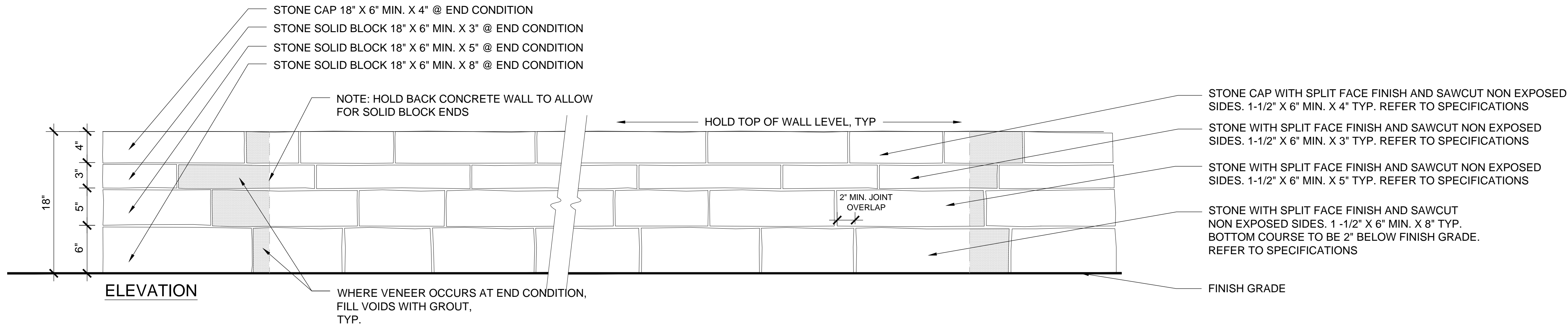
**rhaa**  
LANDSCAPE ARCHITECTURE | PLANNING  
SAN FRANCISCO MILL VALLEY TAMOE DELHI  
225 Miller Avenue, Mill Valley, CA 94041  
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Drawing Title  <b>CONSTRUCTION PLAN ALTERNATIVE AND DEDUCT ALTERNATIVE</b>		Project Title  MPD - EMERGENCY SERVICE ANNEX POLICE STATION		Project Number  640-382		<div>Office of Construction and Facilities Management</div> <div>          Department of Veterans Affairs       </div>
Approved Project Director		Location  795 WILLOW ROAD, MENLO PARK, CA 94025		Building Number  349 & POLICE STATION		
		Date  NOVEMBER 27, 2013		Checked  JM		<div>         Drawing Number   <b>LP101</b> </div> <div>         Dwg. of       </div>
				Drawn  KS/JM		

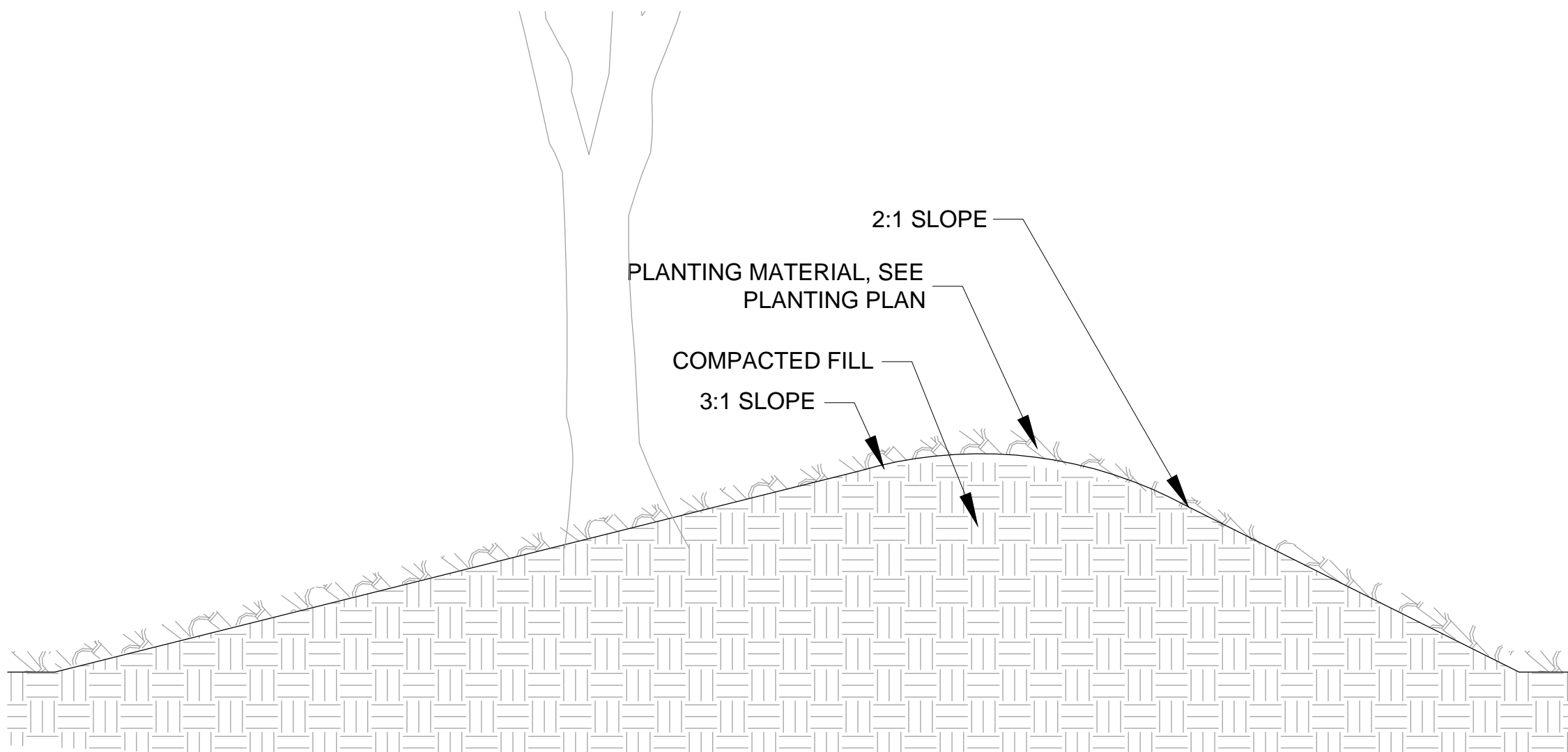


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one quarter inch = one foot  
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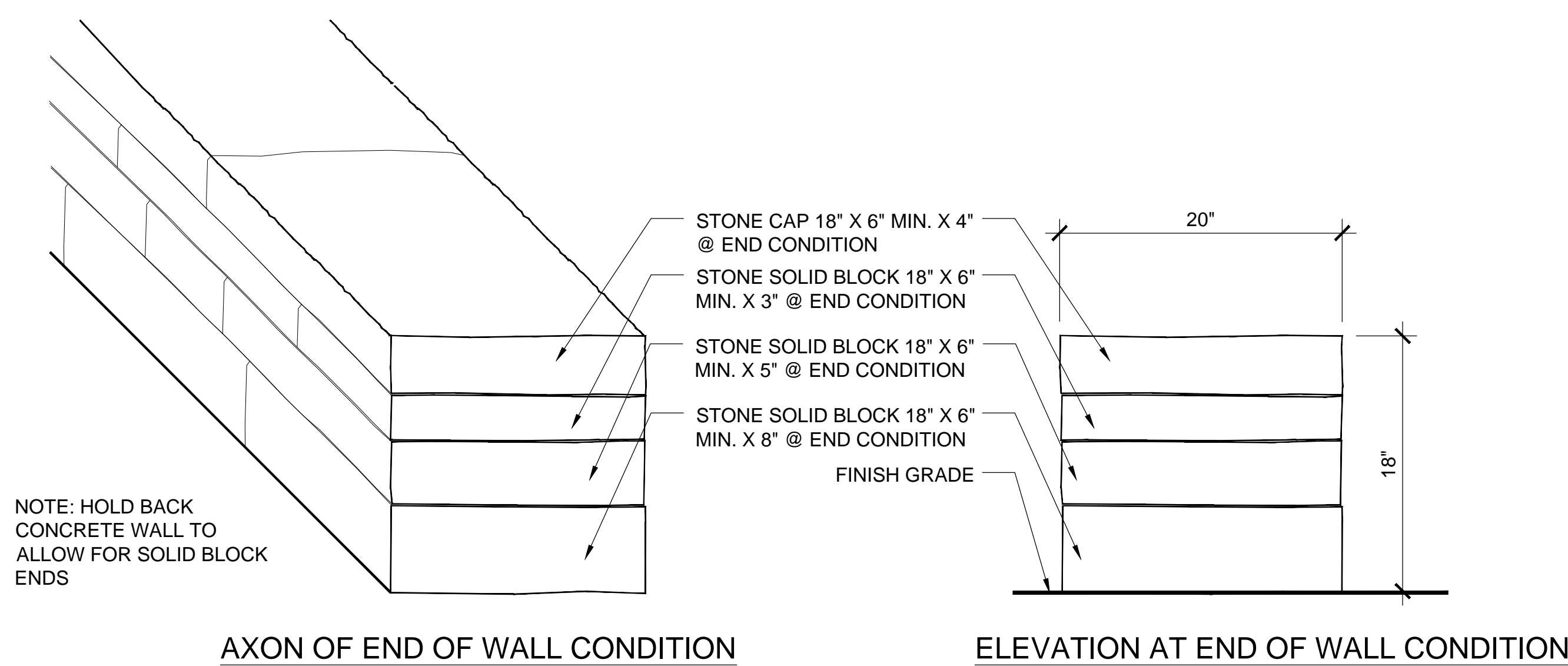
#### 4 STONE VENEER SEAT WALL

1 1/2"=1'-0"



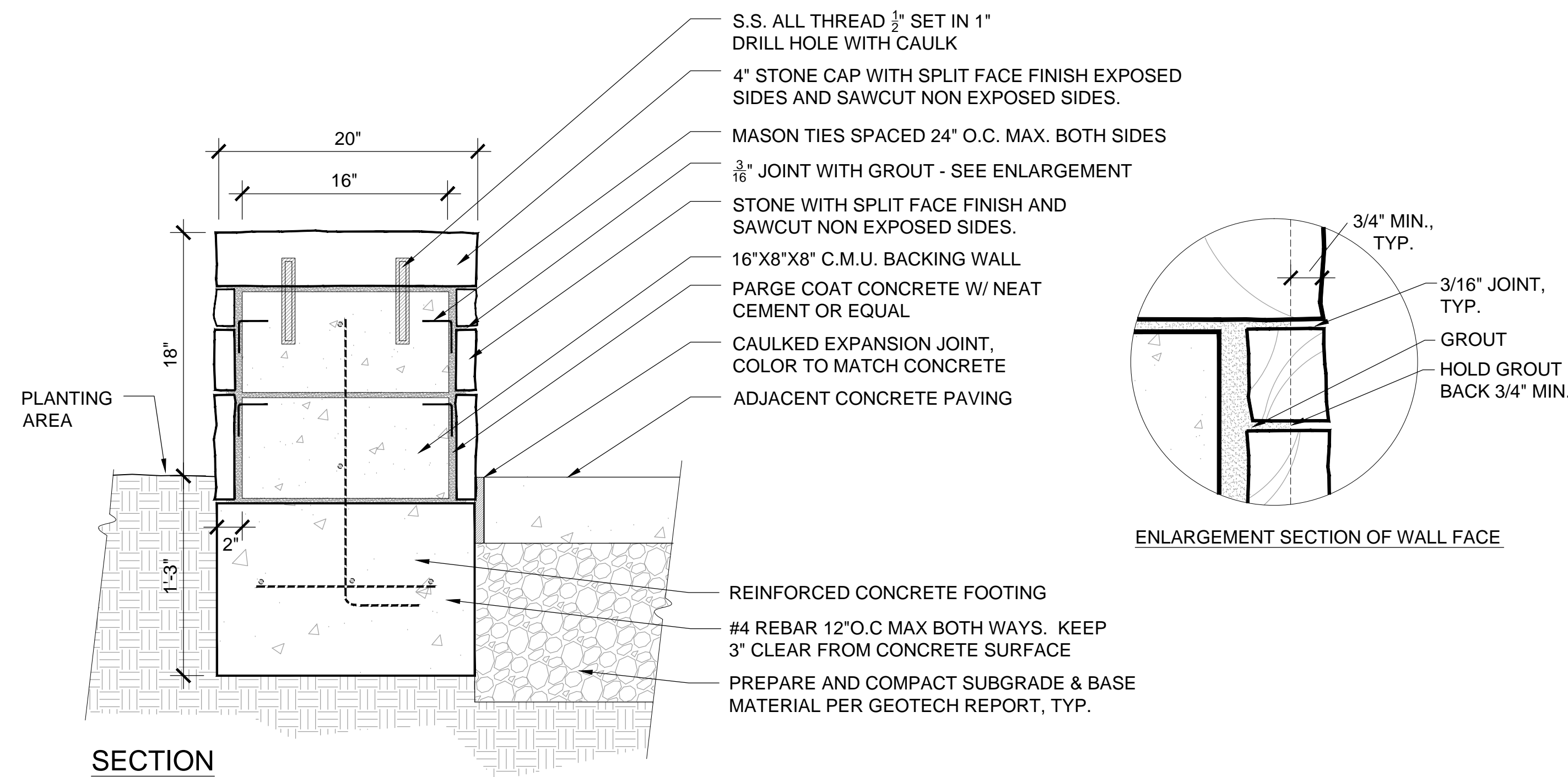
#### 7 TYPICAL LANDSCAPE BERM

3/4"=1'-0"



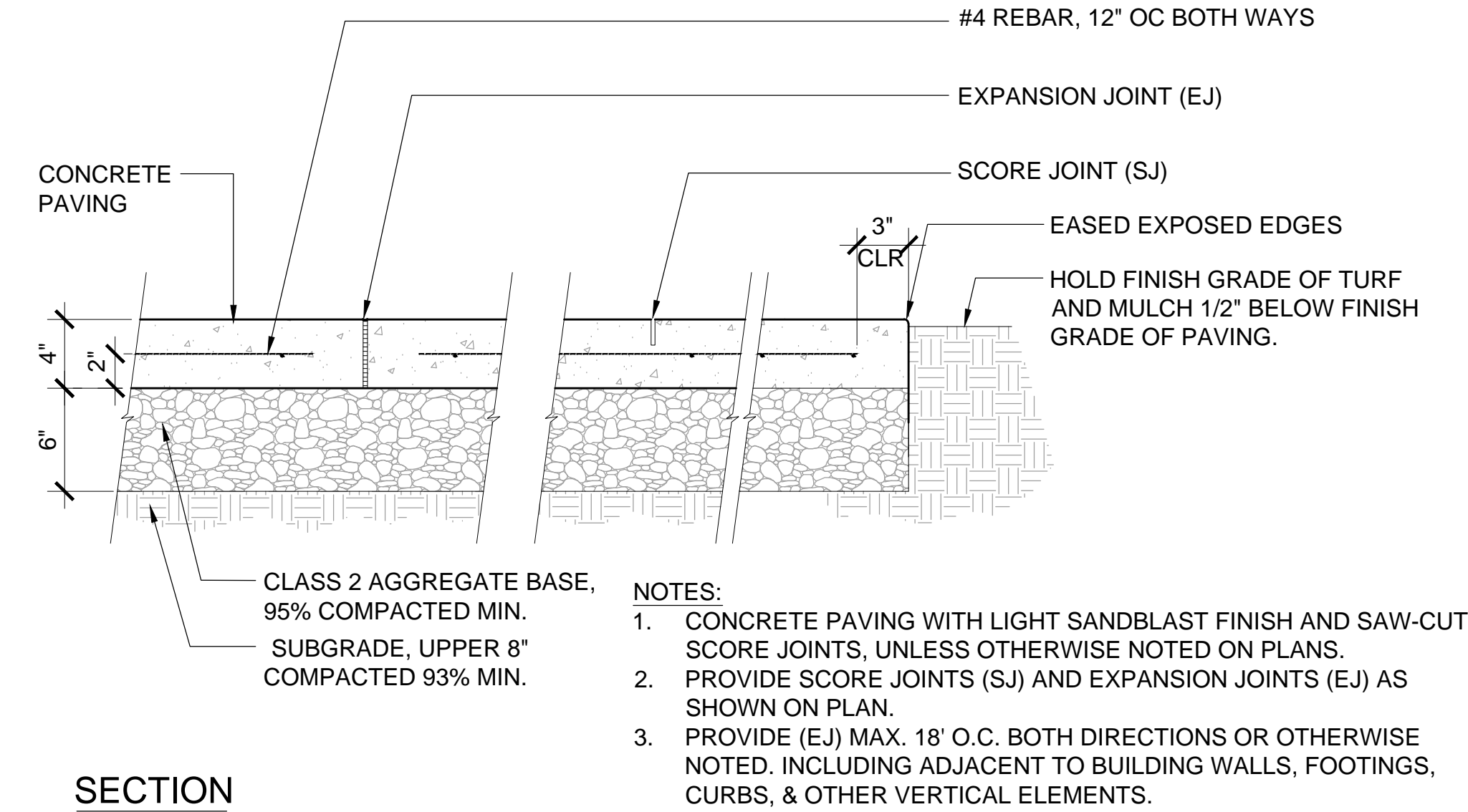
#### 5 STONE VENEER SEAT WALL

1 1/2"=1'-0"



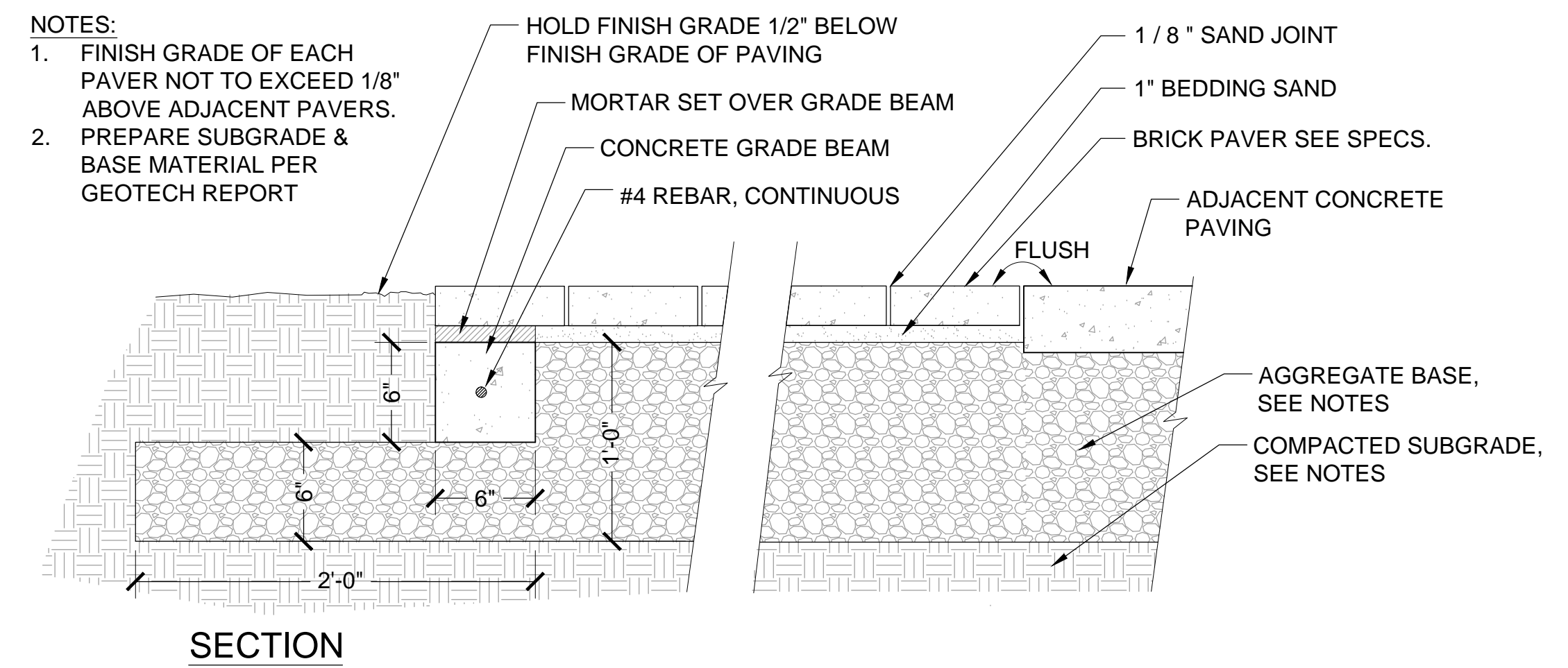
#### 6 STONE VENEER SEAT WALL

1 1/2"=1'-0"



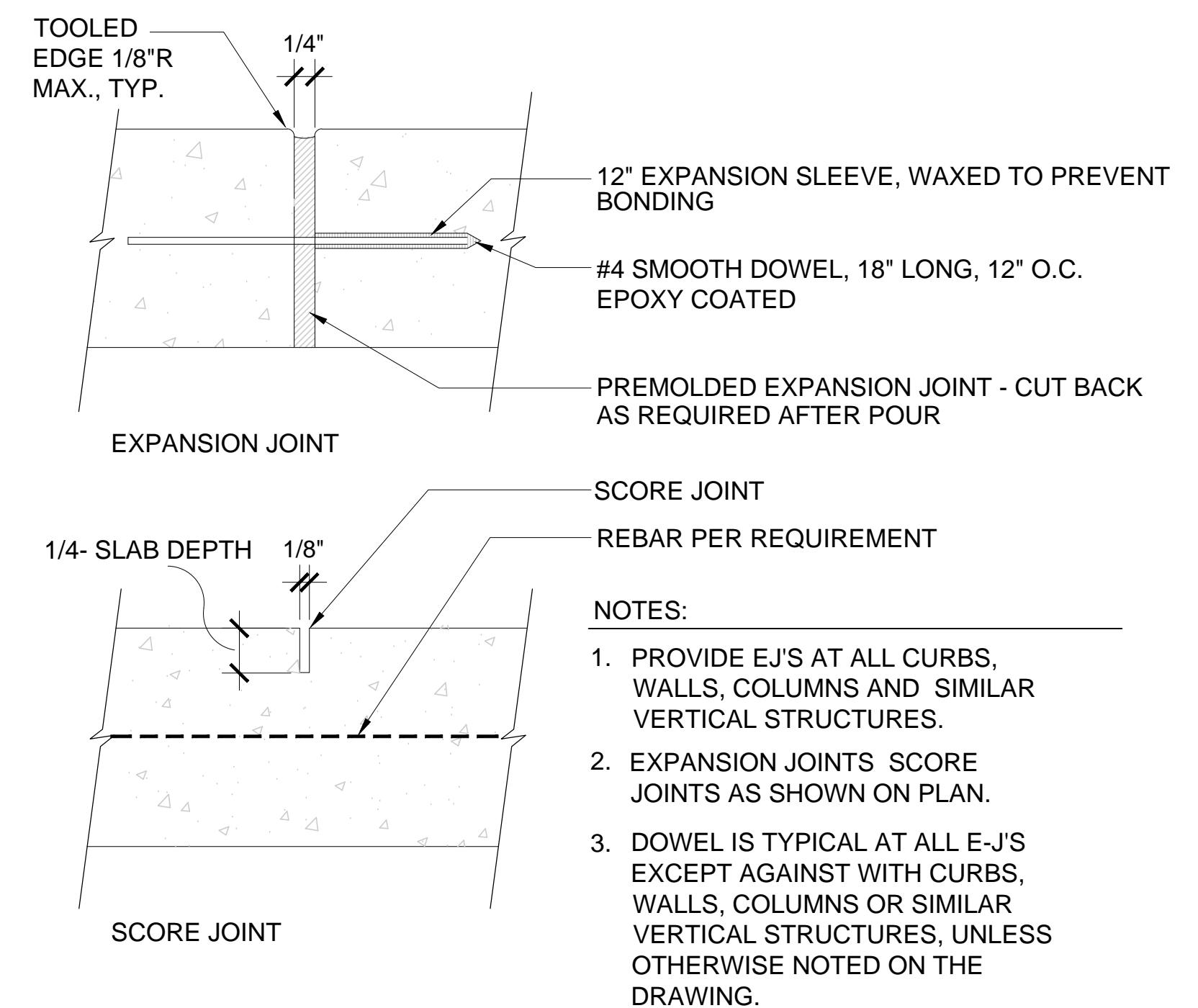
#### 1 CONCRETE PAVING

1 1/2"=1'-0"



#### 2 CONCRETE PAVERS

1 1/2"=1'-0"



#### 3 PAVING JOINTS

3"=1'-0"

		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management <div>Department of Veterans Affairs</div>	
		<div><div>rhaa</div><div>LANDSCAPE ARCHITECTURE + PLANNING</div><div>SAN FRANCISCO MILL VALLEY TAHOE DELHI</div><div>225 Miller Avenue, Mill Valley, CA 94041</div><div>T 415 383 7900 F 415 383 1433 www.rhaa.com</div></div>		<div><div>POLYTECH ASSOCIATES INC.</div><div>235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517</div></div>		CONSTRUCTION DETAILS		MPD - EMERGENCY SERVICE ANNEX POLICE STATION		640-382			
						Approved Project Director		Location		Building Number			
								795 WILLOW ROAD, MENLO PARK, CA 94025		349 & POLICE STATION			
Revisions:		Date						Date		Checked		Drawing Number	
								NOVEMBER 27, 2013		JM		KSJM	
												LP102	
										Dwg.		of	

BID SUBMISSION  
NOVEMBER 27, 2013










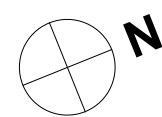







GRAPHIC SCALE: 1" = 8'



8 0 8 16



		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management	
		<div><p>225 MILLER AVENUE, MILL VALLEY, CA 94541 T 415.383.7800 F 415.383.1433 www.rhaa.com</p></div>		<div><p>POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517</p></div>		LAYOUT PLAN DEDUCT ALTERNATIVE		MPD - EMERGENCY SERVICE ANNEX POLICE STATION		640-382					
Revisions:		Date				Approved Project Director		Location		Drawing Number		LP202 Dwg. of		 Department of Veterans Affairs	
								795 WILLOW ROAD, MENLO PARK, CA 94025							
								Date		Checked		Drawn			
								NOVEMBER 27, 2013		JM		KSJM			



three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

IRRIGATION NOTES

1. SEE IRRIGATION DETAILS LI2.1-LI2.3
2. CONTRACTOR TO REFER TO SPECIFICATIONS FOR ALL NEW & RETROFIT WORK.
3. CONTRACTOR TO REFERENCE RECORD DRAWINGS OF EXISTING IRRIGATION SYSTEM (OWNER TO PROVIDE DOCUMENTATION OF EXISTING IRRIGATION SYSTEM).
4. NEW MAINLINE SHOWN. NEW IRRIGATION MAINLINE TO BE CONNECTED TO EXISTING CAMPUS IRRIGATION MAINLINES. CONTRACTOR TO VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM AND REMOVE, CAP, REPAIR OR REPLACE AS NECESSARY TO ENSURE PROPER OPERATION OF EXISTING SYSTEMS IMPACTED BY CONSTRUCTION ACTIVITIES.
5. ALL NEW IRRIGATION TO BE CONTROLLED BY AUTOMATIC CONTROLLER. CONTRACTOR TO PROVIDE 120V/15AMP DEDICATED ELECTRICAL CIRCUIT TO IRRIGATION CONTROLLERS.
6. BACK FLOW PREVENTION DEVICE, MASTER VALVE & FLOW METER TO BE INSTALLED AT POINTS OF CONNECTION.
7. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE CONTRACTING OFFICER AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.
8. IRRIGATION SYSTEM IS TO BE MODIFIED AND ADJUSTED AS NEEDED TO PROVIDE FULL COVERAGE TO ALL PLANTED AREAS. CONTRACTOR TO ASSUME ADDITIONAL 2 CONTROL VALVES TO BE INSTALLED ON EXISTING ACTIVE LATERAL LINES TO PROVIDE FULL COVERAGE. CONTRACTOR TO MAINTAIN EXISTING PLANTED AREAS THROUGHOUT CONSTRUCTION AND COORDINATE OPERATIONS TO KEEP EXISTING PLANTING AREAS ALIVE AND HEALTHY.
9. PIPE & VALVE SIZING AS SHOWN IN LEGEND IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
10. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.
11. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH. IT IS THE RESPONSIBILITY OF THE LANDSCAPE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS AND SLOPES, SUN, SHADE AND WIND EXPOSURE. LANDSCAPE CONTRACTOR TO SUBMIT WATERING SCHEDULE TO VERIFY COMPLIANCE WITH WATER EFFICIENCY GOALS.
12. THIS IRRIGATION PLAN HAS BEEN DESIGNED TO COMPLY WITH THE CRITERIA OF CALIFORNIA'S WATER EFFICIENT LANDSCAPE ORDINANCE. ORDINANCE CRITERIA HAS BEEN APPLIED ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN. NO INFILTRATION RATE INFORMATION WAS AVAILABLE DURING THE DESIGN PERIOD.
13. PROVIDE SIGNS, BARRICADES, FLAG PERSONS, ETC. NECESSARY TO MEET TRAFFIC REQUIREMENTS.
14. VERIFY WORKING WATER PRESSURE. REPORT FINDINGS TO OWNER AND RECEIVE WRITTEN PERMISSION TO PROCEED, BEFORE BEGINNING.
15. CONNECT CONTROLLER TO TWO-WAY INTERNET SYSTEM. PROVIDE DOCUMENTATION FROM CONTROLLER MANUFACTURES REPRESENTATIVES THAT SYSTEM IS INSTALLED IN ACCORDANCE TO MANUFACTURES' REQUIREMENTS.
16. INSTALL WIRE, FROM CONTROLLER TO FLOW SENSOR AND MASTER VALVE IN CONDUIT.
17. CONTACT OWNERS AUTHORIZED REPRESENTATIVE AND COORDINATE ALL REVIEWS PRIOR TO COMMENCEMENT OF WORK.
18. EXERCISE EXTREME CARE IN EXACTION IN WORKING NEAR EXISTING UTILITIES. VERIFY THE LOCATION AND CONDITION OF ALL UTILITIES REPAIR ANY DAMAGE TO EXISTING UTILITIES OR ADJACENT PROPERTIES CAUSED BY OR DURING THE PERFORMANCE OF THE WORK AT NO ADDITIONAL COST TO THE GOVERNMENT. FIELD ADJUST SPRINKLER LOCATIONS TO AVOID CONFLICTS WITH UTILITIES.

REFERENCES:

- CALIFORNIA DEPARTMENT OF ENVIRONMENTAL HEALTH: "TITLE 22", DIVISION 4 OF THE ADMINISTRATIVE CODE.
- CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD REQUIREMENTS.
- GENERAL INSTALLATION OF IRRIGATION SYSTEM TO CONFORM WITH ALL LOCAL, COUNTY, STATE, AND FEDERAL PROVISIONS AND CODES.
- LATEST EDITION OF THE UNIFORM PLUMBING CODE AND THE NATIONAL ELECTRIC CODE.
- CALIFORNIA 1981 MODEL WATER LANDSCAPE ORDINANCE OR ADOPTED LOCAL ORDINANCE.

IRRIGATION LEGEND

A

24-STATION WALL MOUNTED CONTROLLER  
WEATHERTRACK ET PRO2 SMART WATER MANAGER CONTROLLER, WITH 5  
YEAR SERVICE CONTRACT; MODEL WTPRO2S-C-24-SWM, CIM 5YA

SUB-SURFACE DRIP ZONE  
NETAFIM 12" O.C. W/ 12" EMITTER SPACING

---

MAINLINE: 2" AND SMALLER, SCHEDULE 40 PVC

---

LATERAL LINE: 3/4" AND LARGER, SCHEDULE 40 PVC

---

SLEEVE: SCHEDULE 40 PVC, 4" UNLESS OTHERWISE NOTED.

QUICK COUPLING VALVE: BRASS, LOCKING COVER, 1-PIECE BODY  
RAINBIRD 5-LRC

CONTROL VALVES  
MEDIUM-HIGH FLOW  
RAINBIRD PEB w/ PRS-DIAL  
PRESSURE REGULATING MODULE

LOW FLOW-DRIP ZONES  
RAINBIRD XERIGATION CONTROL ZONE KIT  
XCZ-PRB-100-COM

RAINBIRD SPRAY HEAD  
MODEL 1806-PRS-X-VAN, SEE PLAN FOR NOZZLE RADIUS (6VAN 0.6 GPM, 8VAN  
1.19 GPM, 10VAN 1.45 GPM, 12VAN 1.18 GPM, 15 VAN 1.85 GPM, 18VAN 2.66 GPM)

TREE BUBBLER (2 PER TREE)  
TORO FB-50-PC  
(0.5 GPM @ 30 PSI)

CONTROLLER / STATION NUMBER  
FLOW RATE (GPM)  
VALVE SIZE (INCHES)

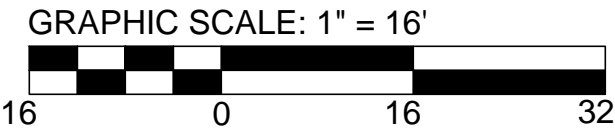
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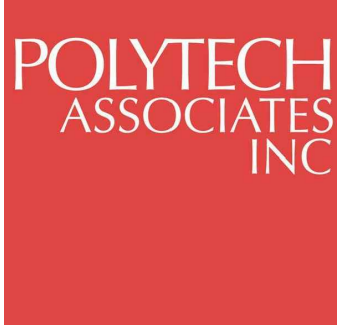
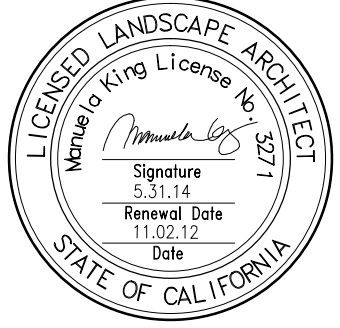
SLEEVE

P.O.C.

POINT OF CONNECTION

CLASS 200 PVC LATERAL LINE SIZING			TYPICAL VALVE SIZING	
0 - 6 GPM: 0.75"	29 - 45 GPM: 2.0"		00 - 25 GPM: 1.0" VALVE	
7 - 12 GPM: 1.0"	46 - 65 GPM: 2.5"		26 - 35 GPM: 1.25"	
13 - 28 GPM: 1.5"	66 - 100 GPM: 3.0"		36 - 50 GPM: 1.5"	
			51 - 100 GPM: 2"	



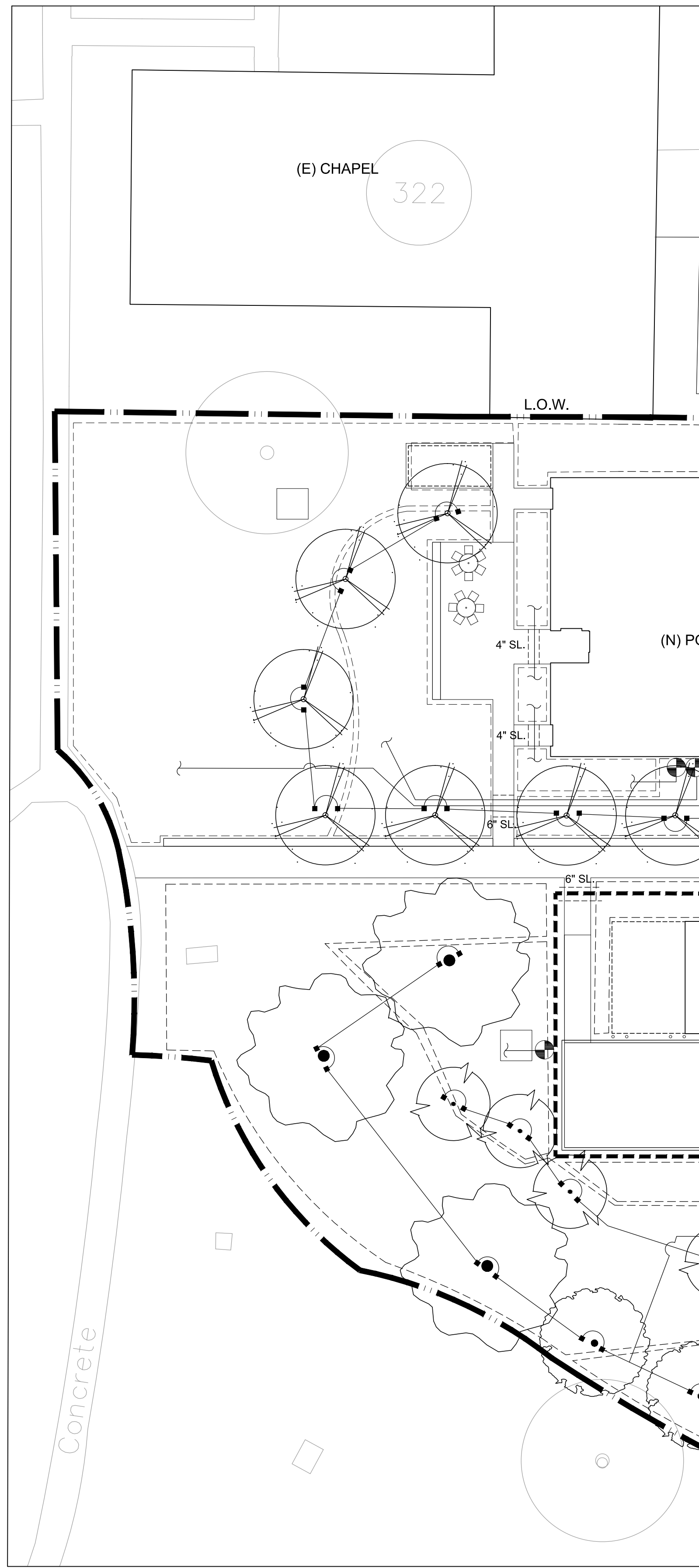
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					IRRIGATION NOTES AND LEGEND	MPD - EMERGENCY SERVICE ANNEX POLICE STATION	640-382		
		225 Miller Avenue, Mill Valley, CA 94941 T 415 383 7900 F 415 383 1433 www.rhaa.com		POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517	Approved Project Director	Location 795 WILLOW ROAD, MENLO PARK, CA 94025	Building Number 349 & POLICE STATION		
Revisions:	Date					Date NOVEMBER 27, 2013	Checked JM	Drawn KSJM	Drawing Number L1100
							Dwg.	of	



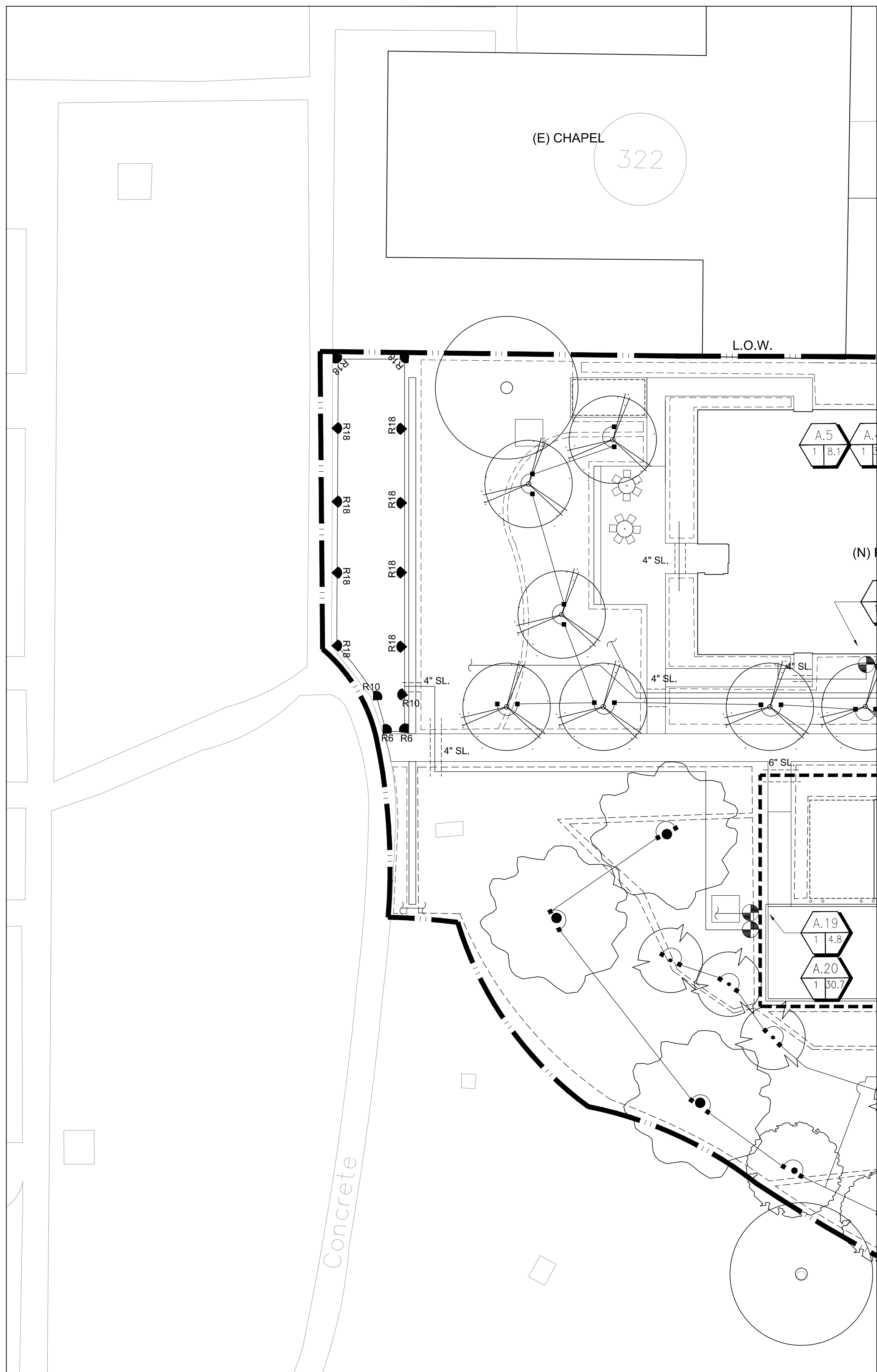




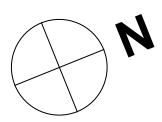
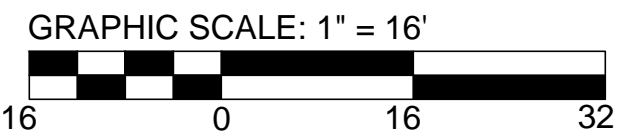
one eighth inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
three inches = one foot  
6"



DEDUCTIVE ALTERNATE #10- BUILDING AREA REDUCTION PLAN

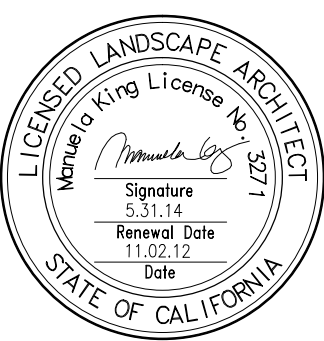


ALTERNATE A- REPLACE BERM WITH WALL



Revisions	Date

CONSULTANTS:



ARCHITECT/ENGINEERS:



Drawing Title
IRRIGATION PLAN DEDUCTIVE ALTERNATE #1
Approved Project Director

Project Title
MPD - EMERGENCY SERVICE ANNEX POLICE STATION
Location
795 WILLOW ROAD, MENLO PARK, CA 94025
Date
NOVEMBER 27, 2013
Checked
JM
Drawn
KSJM

Project Number
640-382
Building Number
349 & POLICE STATION
Drawing Number
L1102
Dwg. of

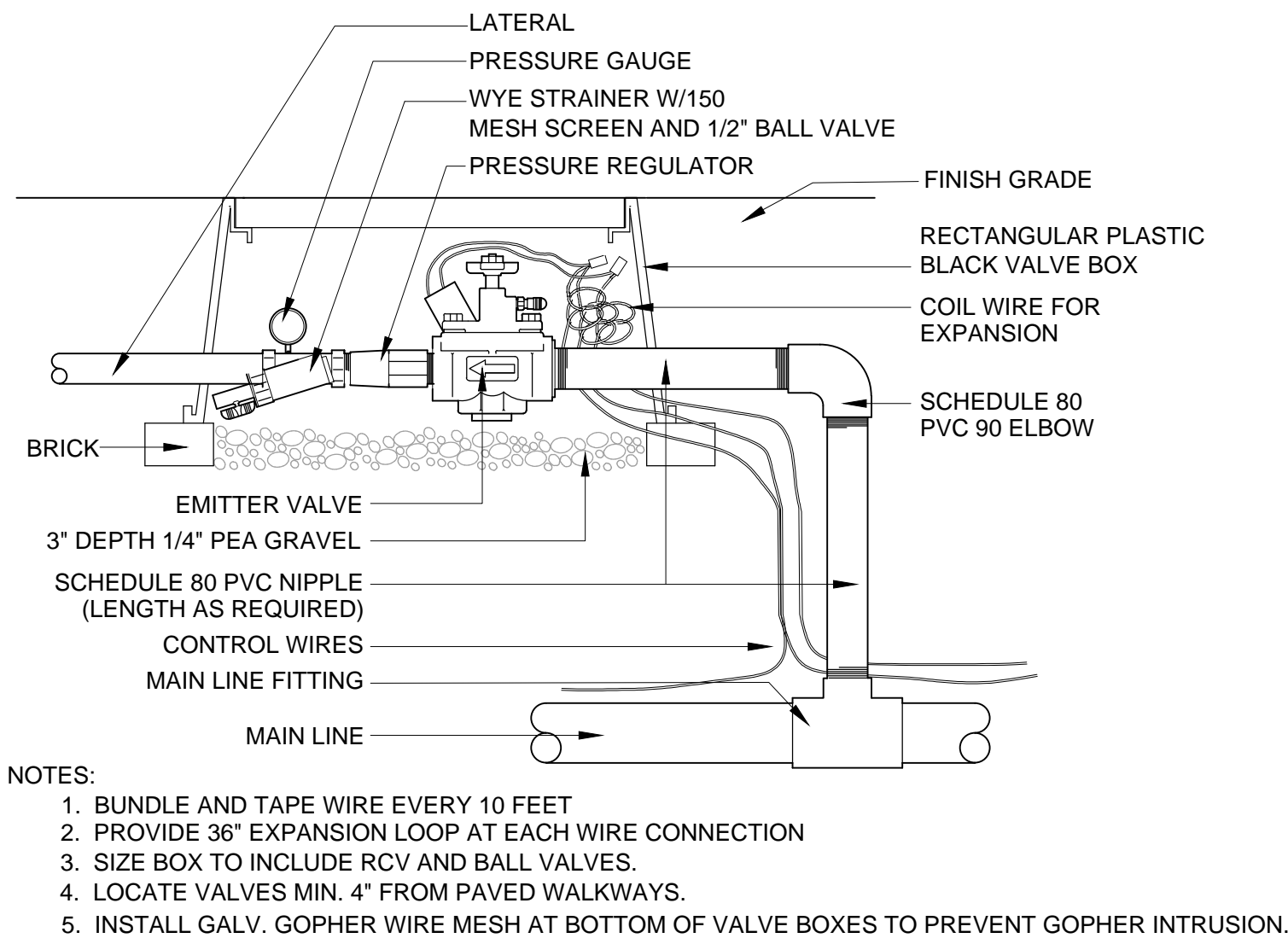
BID SUBMISSION  
NOVEMBER 27, 2013

Office of  
Construction  
and Facilities  
Management

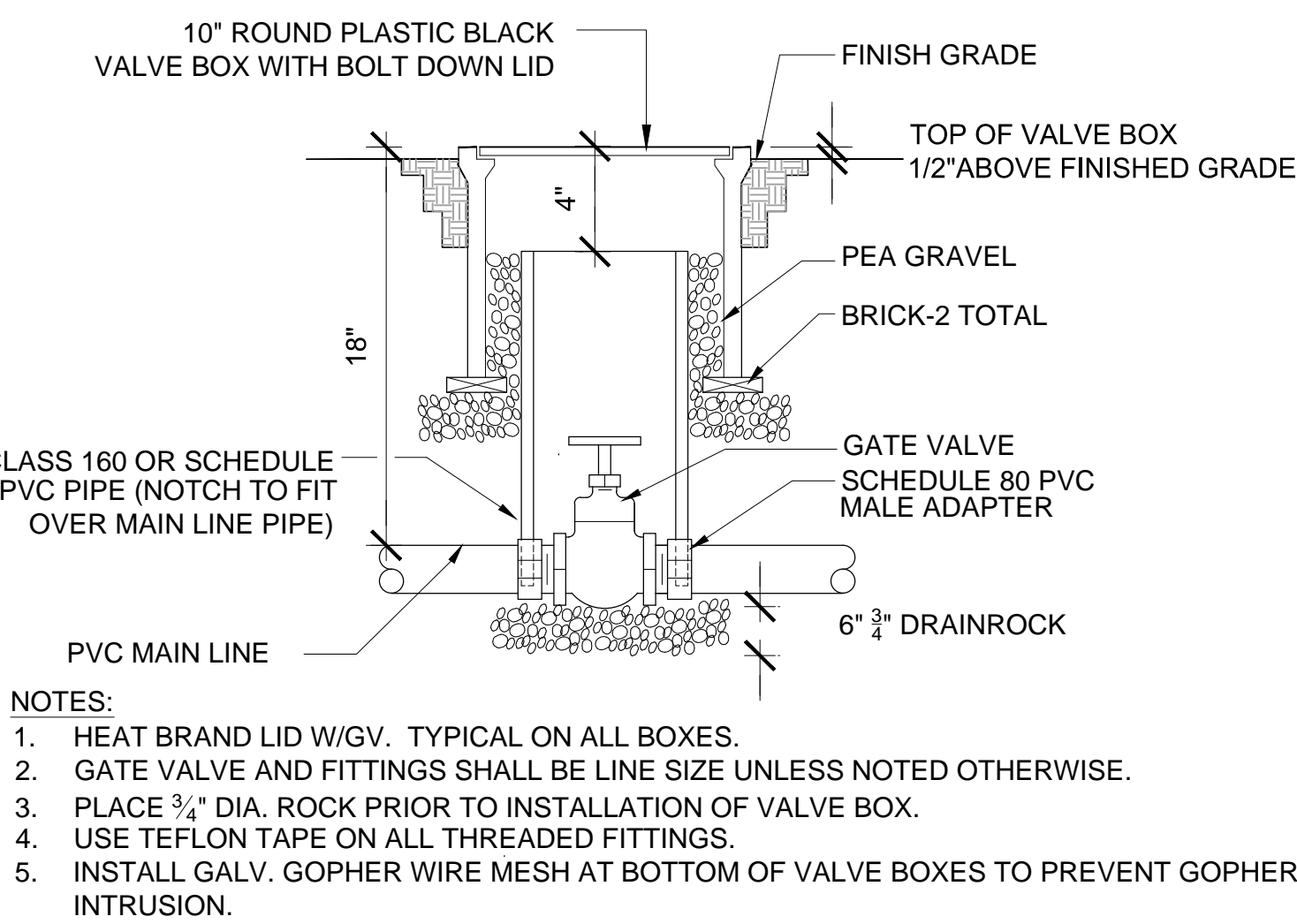




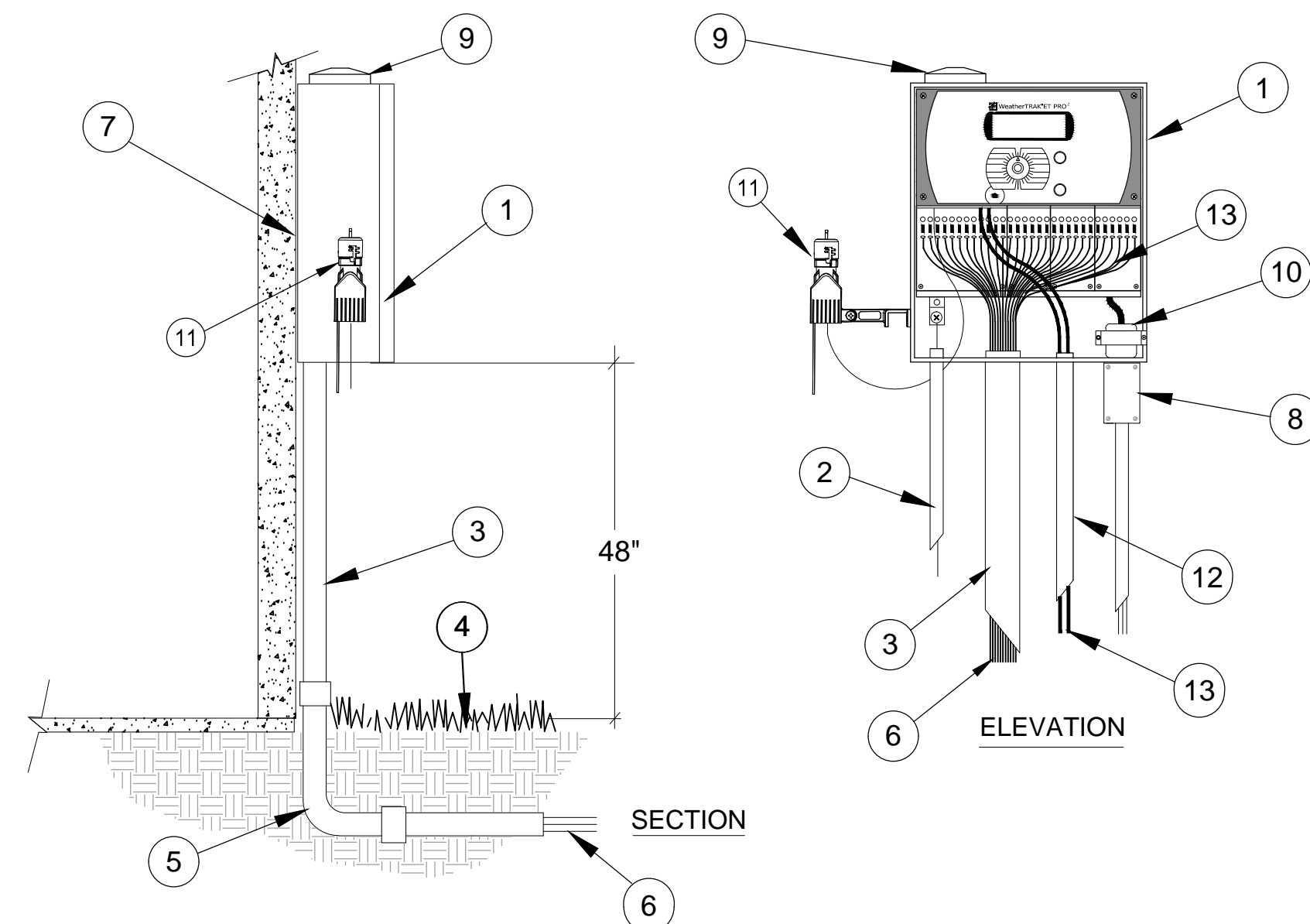
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one and one half inches = one foot  
two inches = one foot  
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four inches = one foot  
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six inches = one foot  
seven inches = one foot  
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nine inches = one foot  
ten inches = one foot  
eleven inches = one foot  
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sixty five inches = one foot  
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ninety one inches = one foot  
ninety two inches = one foot  
ninety three inches = one foot  
ninety four inches = one foot  
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ninety seven inches = one foot  
ninety eight inches = one foot  
ninety nine inches = one foot  
one hundred inches = one foot



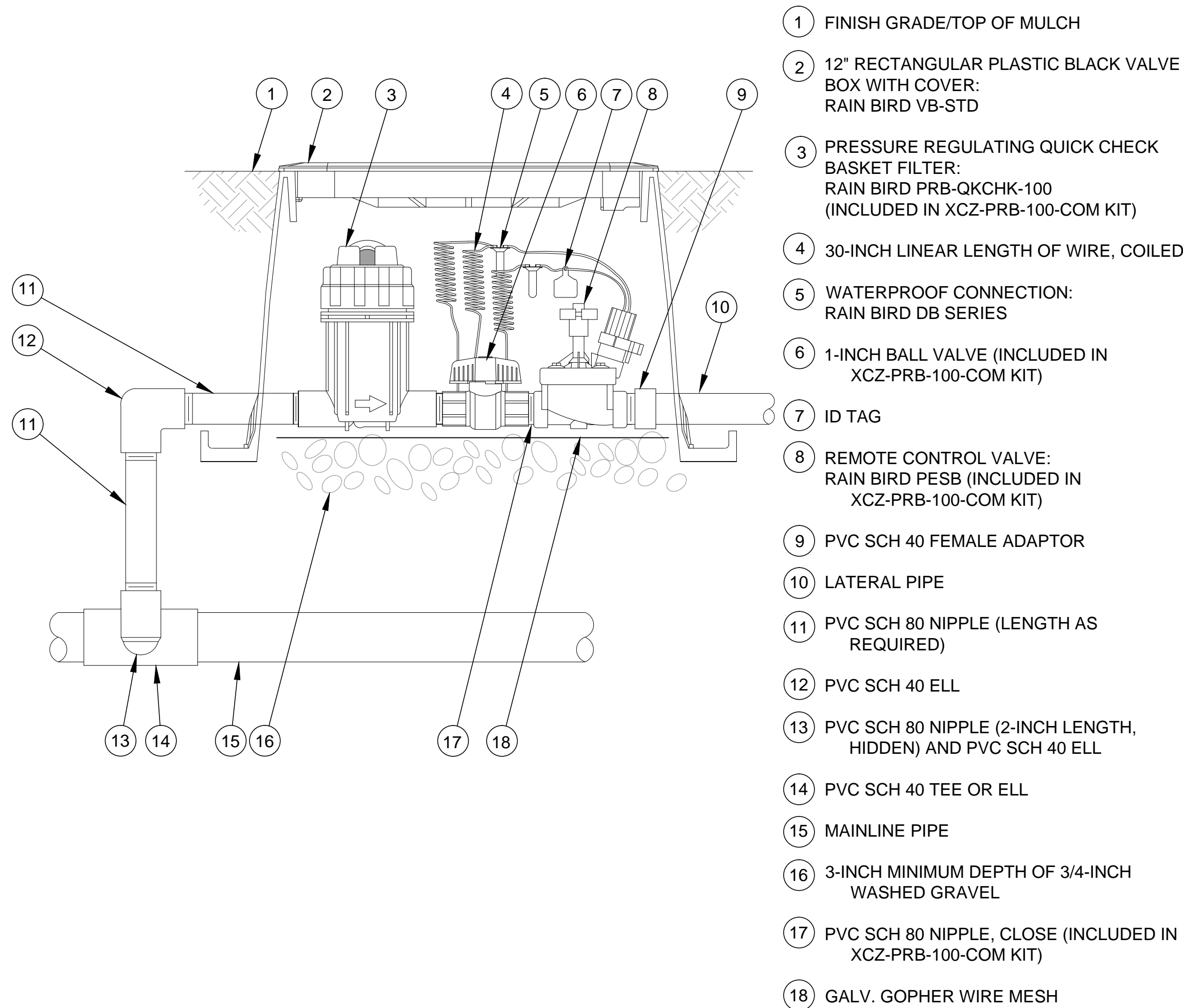
7 REMOTE CONTROL VALVE, TYP.  
NTS



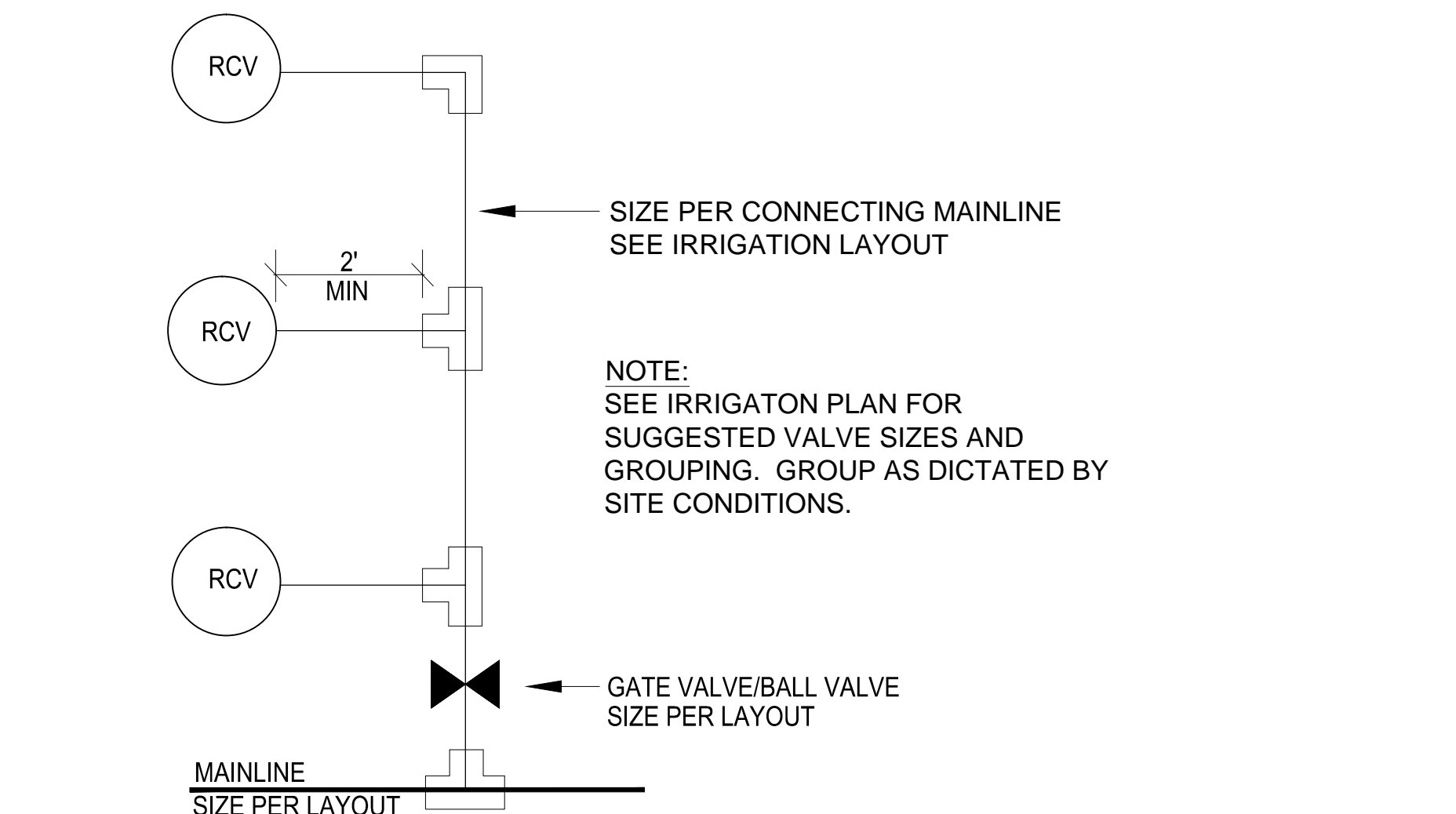
4 ISOLATION GATE VALVE, TYP.  
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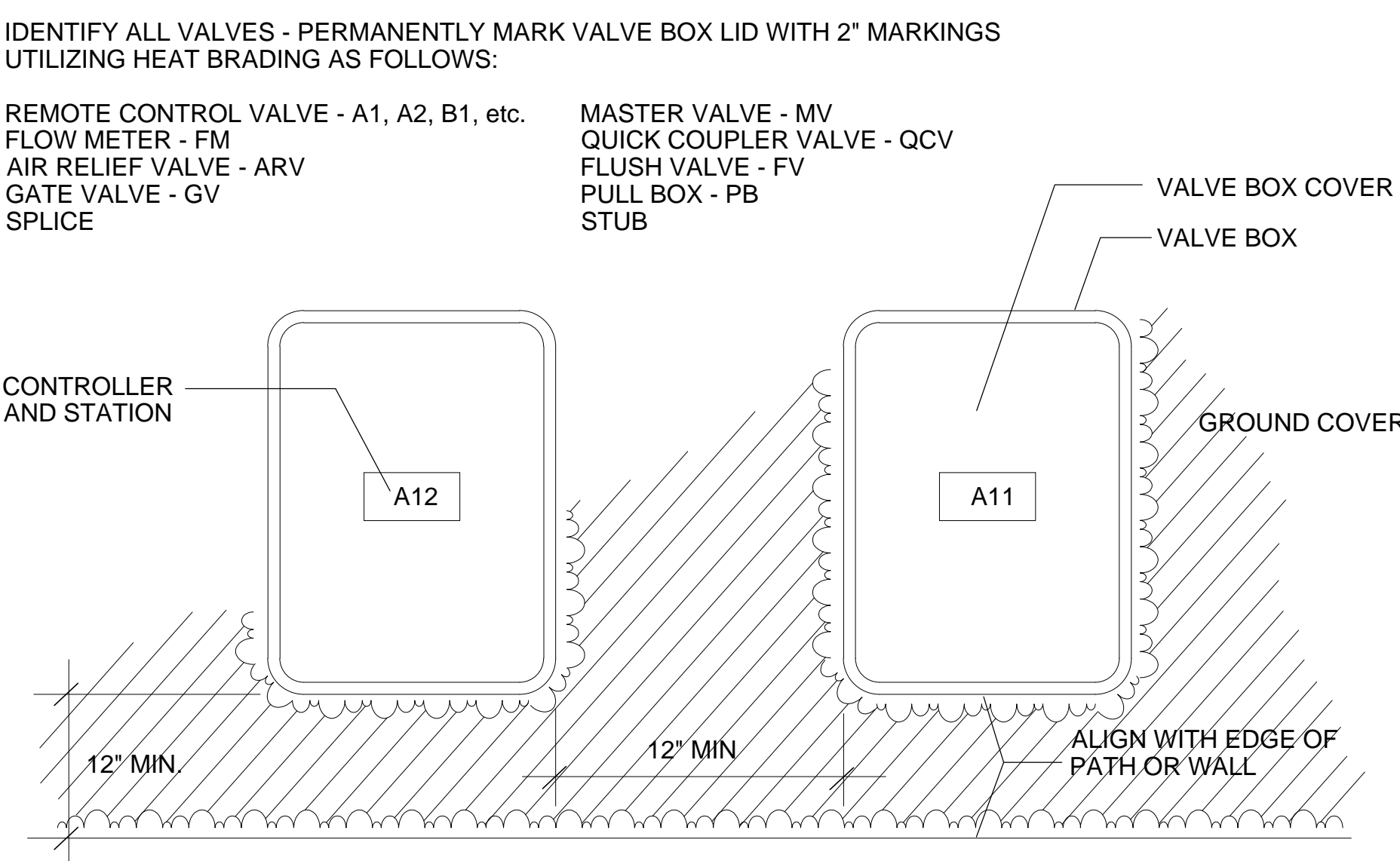
1 WALL MOUNT CONTROLLER  
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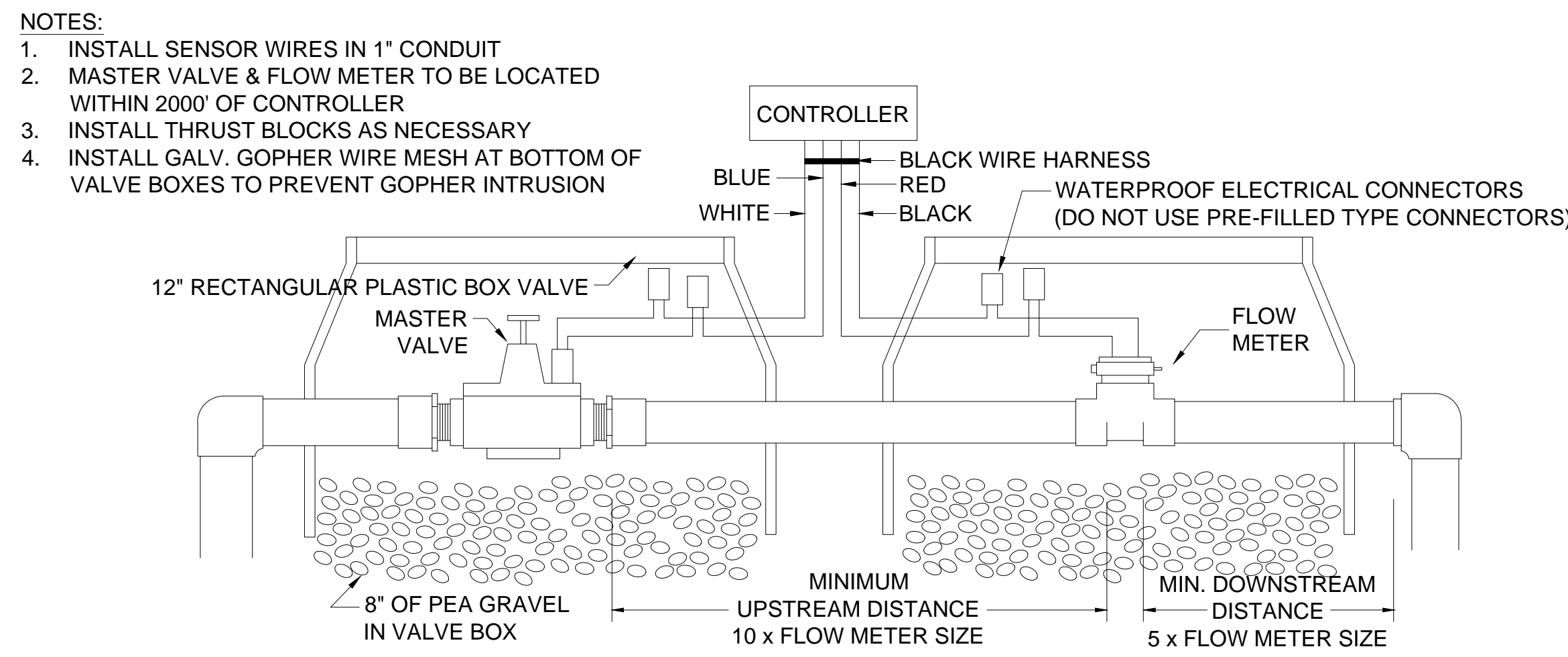
8 REMOTE CONTROL VALVE - DRIP EMITTERS, TYP.  
NTS



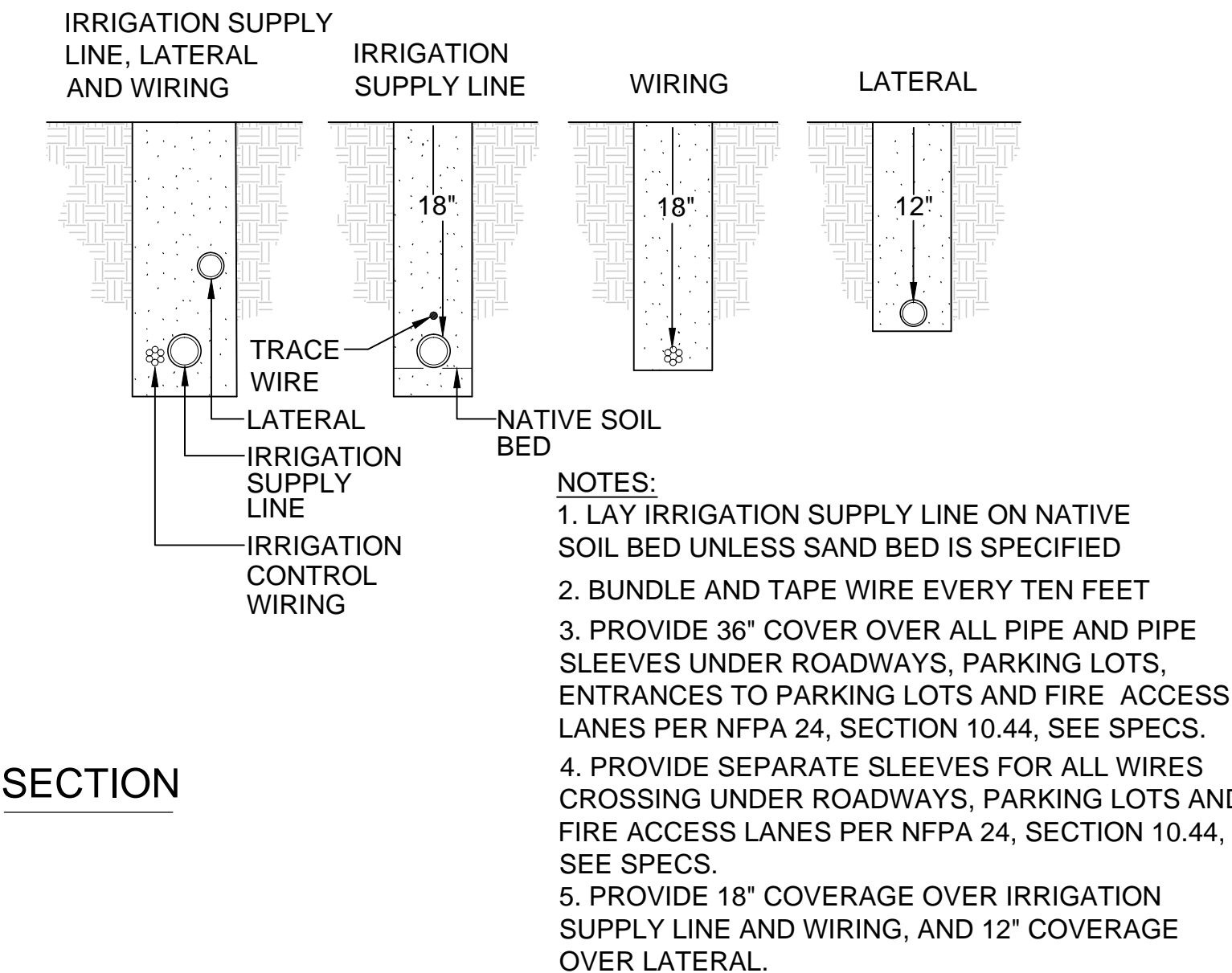
5 VALVE GROUP LAYOUT, TYP.  
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6 VALVE BOXES  
NTS



2 MASTER VALVE & FLOWMETER RUN  
NTS







3 TRENCHING & INSTALLATION  
NTS

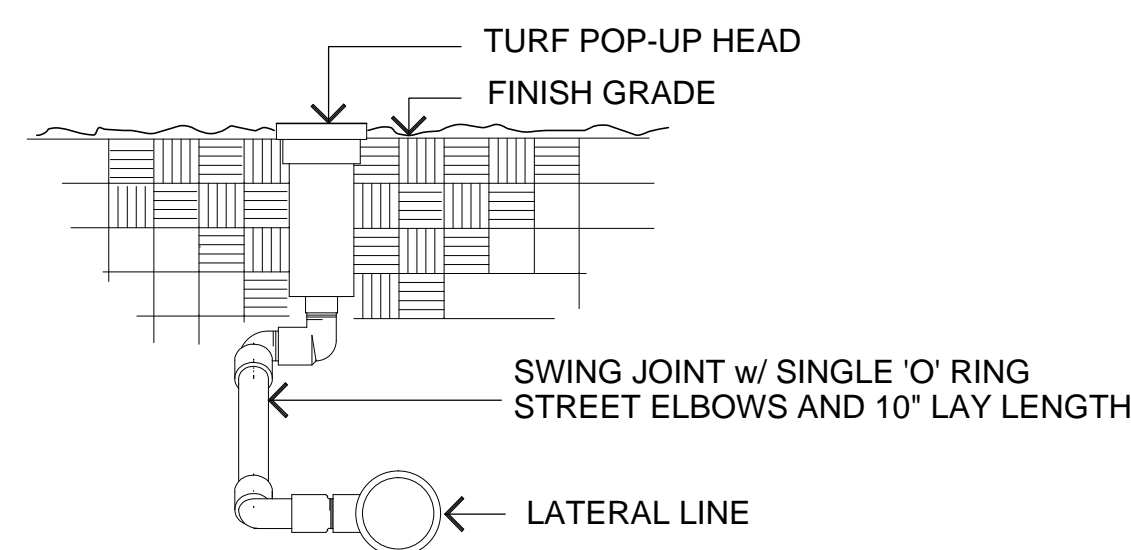
Revisions:	Date:	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title:	Project Title:	Project Number:	Office of Construction and Facilities Management	
		<b>rhaa</b> LANDSCAPE ARCHITECTURE + PLANNING SAN FRANCISCO · MILL VALLEY · TAHOE · DELHI 225 Miller Avenue, Mill Valley, CA 94041 T 415.383.7900 F 415.383.1433 www.rhaa.com	<b>POLYTECH ASSOCIATES INC.</b> POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517	IRRIGATION DETAILS	MPD - EMERGENCY SERVICE ANNEX POLICE STATION	640-382	Department of Veterans Affairs	
				Approved Project Director:	Location:	Building Number:		LI200
					795 WILLOW ROAD, MENLO PARK, CA 94025	349 & POLICE STATION		
					Date:	Checked:	Dwg. of	
					NOVEMBER 27, 2013	JM	KSJM	



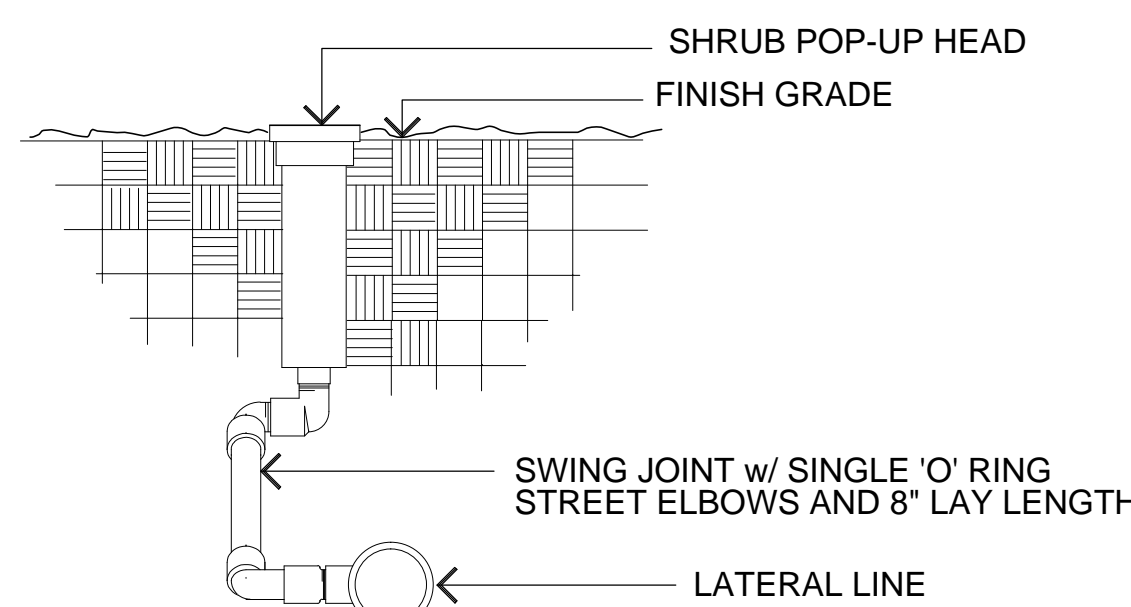


			CONSULTANTS:		<div><p>SAN FRANCISCO MILL VALLEY TAHOE DELHI</p><p>225 Miller Avenue, Mill Valley, CA 94941 T 415 383 7800 F 415 383 1433 www.rhaa.com</p></div>		<div></div>		ARCHITECT/ENGINEERS:		<div><p>POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517</p></div>		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management		 Department of Veterans Affairs	
									IRRIGATION DETAILS		MPD - EMERGENCY SERVICE ANNEX POLICE STATION		640-382		Building Number 349 & POLICE STATION		Drawing Number  L1201 Dwg. of					
Revisions:			Date						Approved Project Director		Location 795 WILLOW ROAD, MENLO PARK, CA 94025		Date NOVEMBER 27, 2013		Checked JM		Drawn KS/JM					



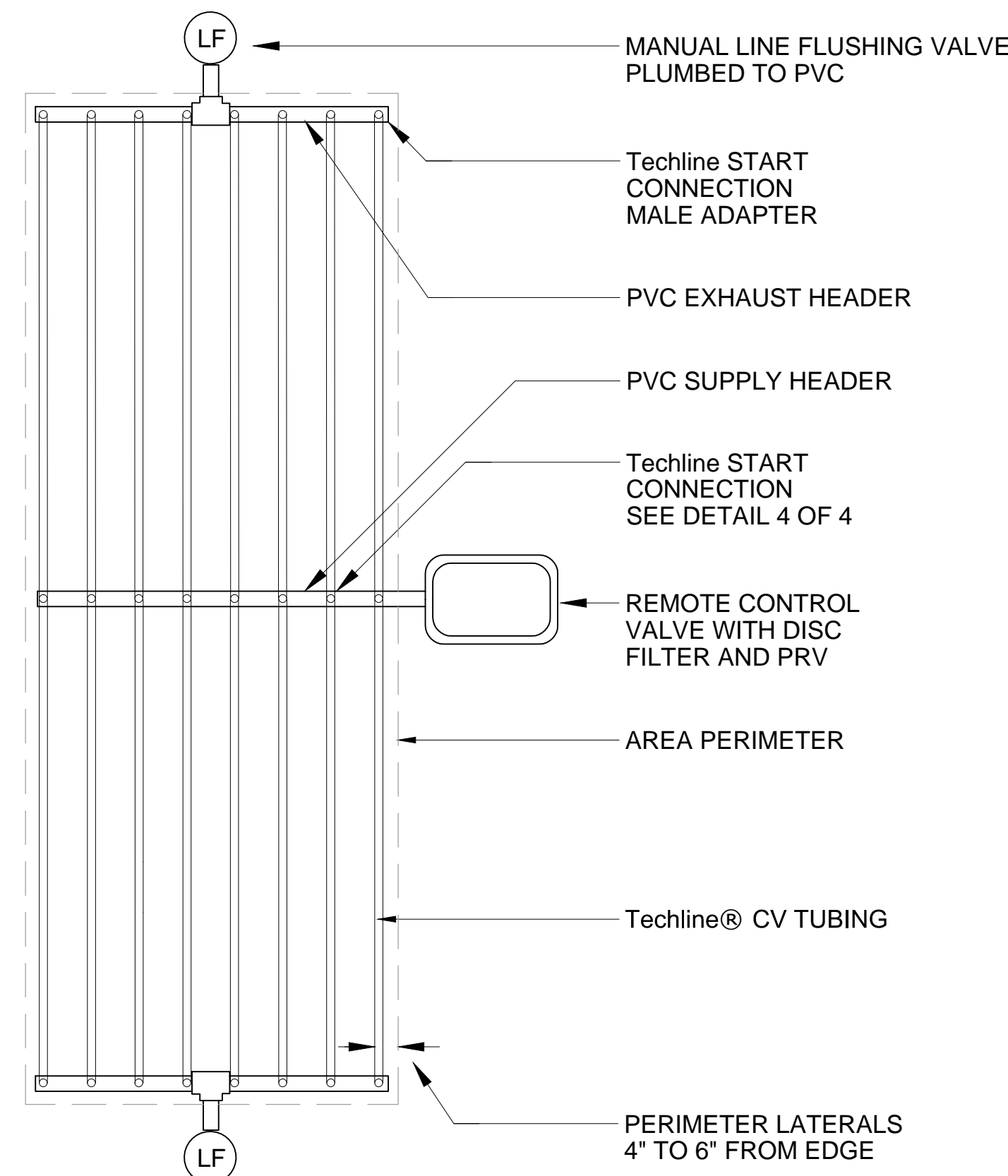


7 TURF POP-UP SPRAY HEAD  
NTS



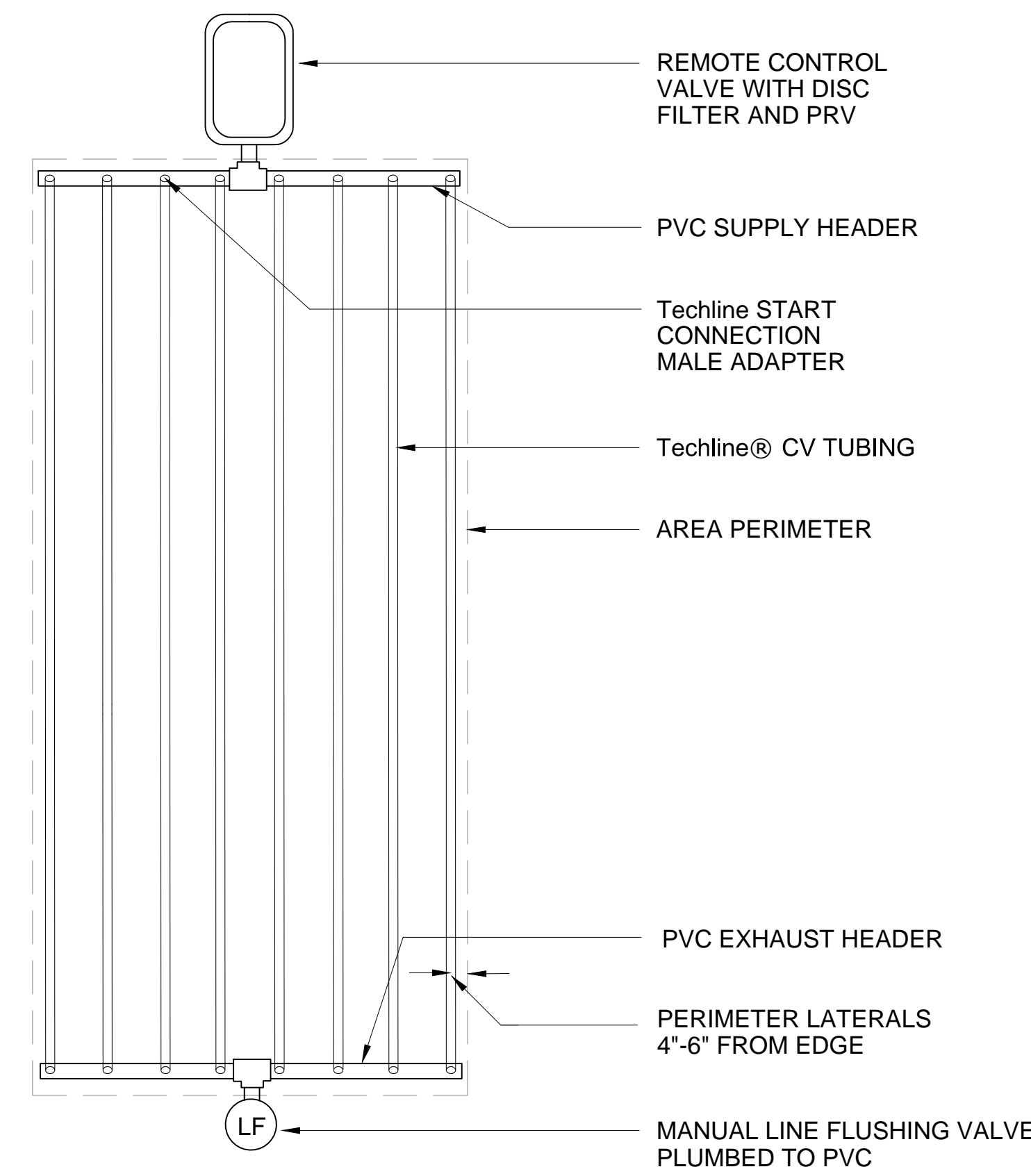
8 SHRUB POP UP SPRAY HEAD  
NTS

- NOTES:
1. INSTALL NETAFIM DRIPLINE 2" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.
  2. SCHEDULE 40 PVC LATERAL LINE-STUB INTO EACH PLANTING AREA.
  3. CONVERT SCH 40 PVC LATERAL LINE TO DRIPLINE WITH A NETAFIM  $\frac{3}{4}$ " FEMALE T ADAPTER.

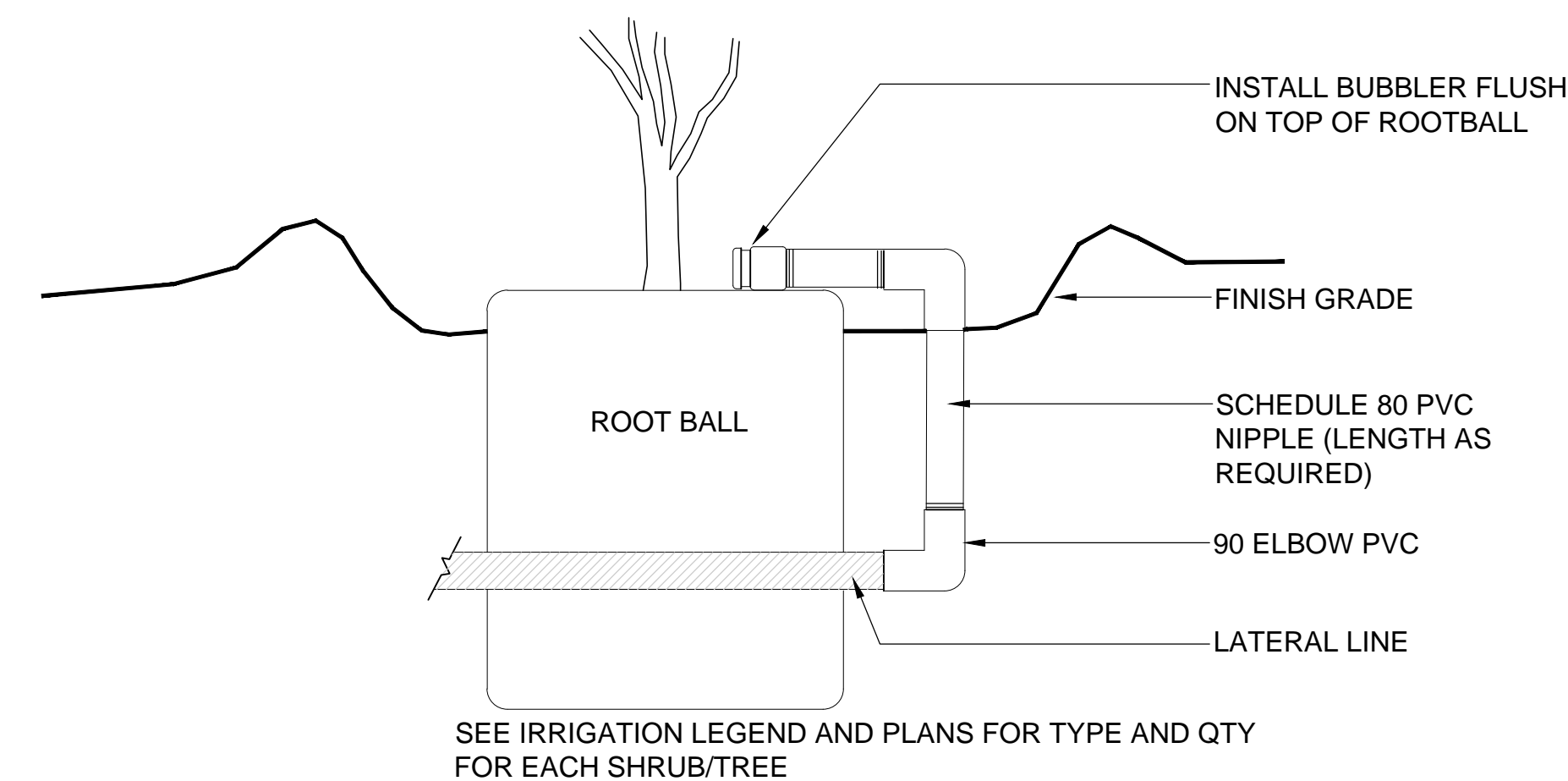


5 TECHLINE CV END FEED LAYOUT  
NTS

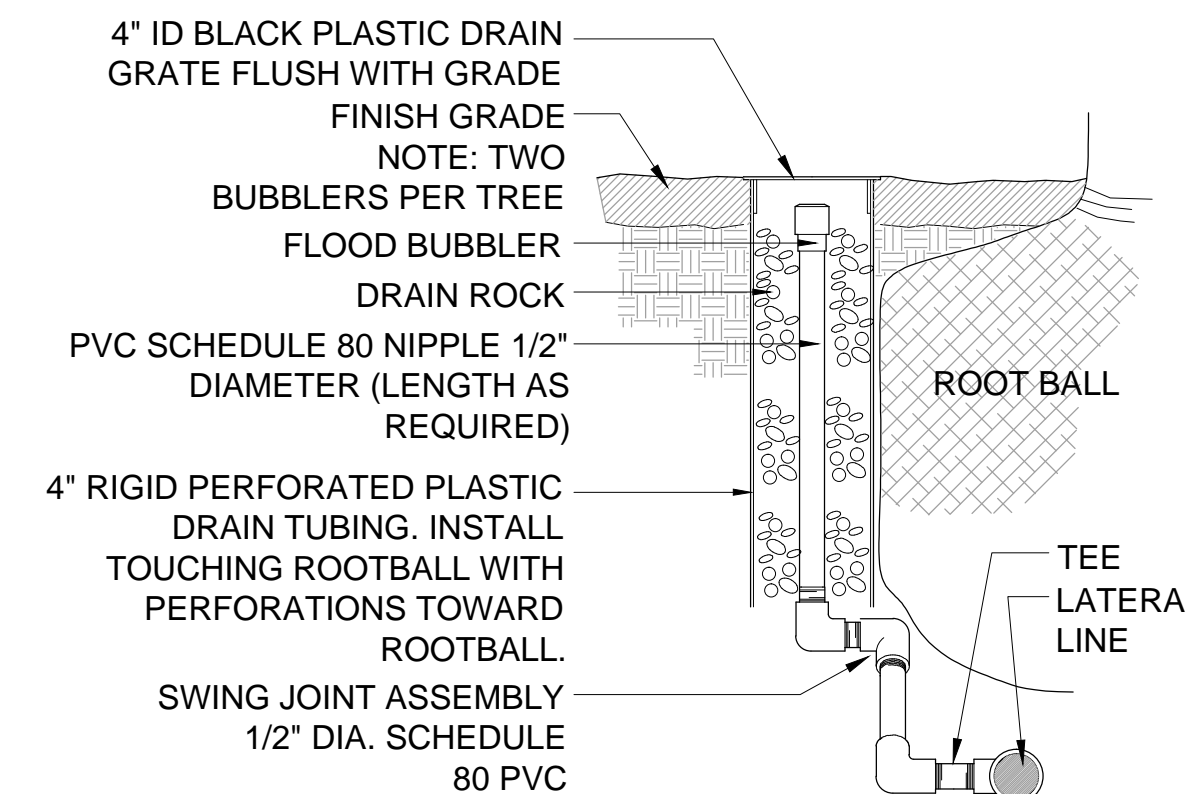
- NOTES:
1. INSTALL NETAFIM DRIPLINE 2" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.
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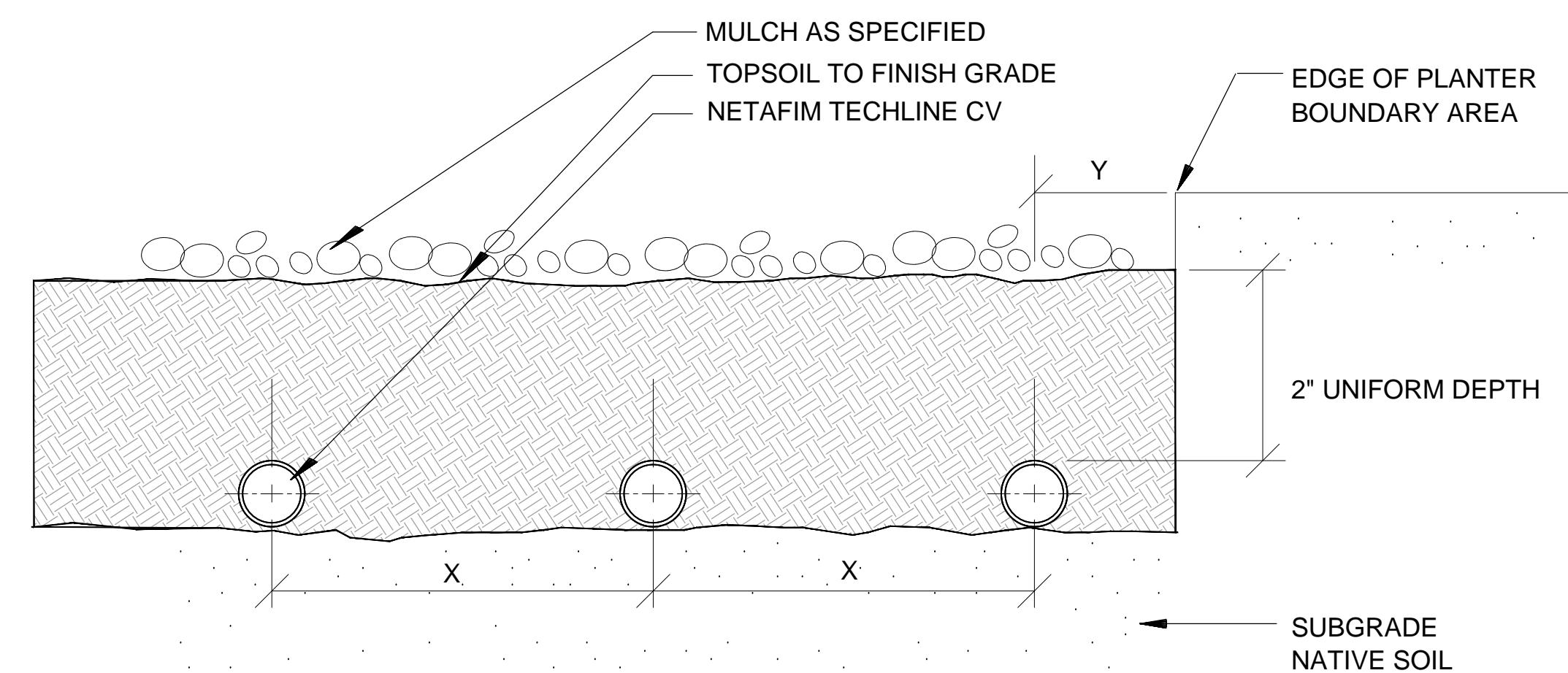
4 TECHLINE CENTER FEED LAYOUT  
NTS



1 TREE BUBBLER DETAIL  
 $\frac{1}{2}$ " = 1'-0"



2 DEEP ROOT TREE BUBBLER  
 $\frac{3}{8}$ " = 1'-0"

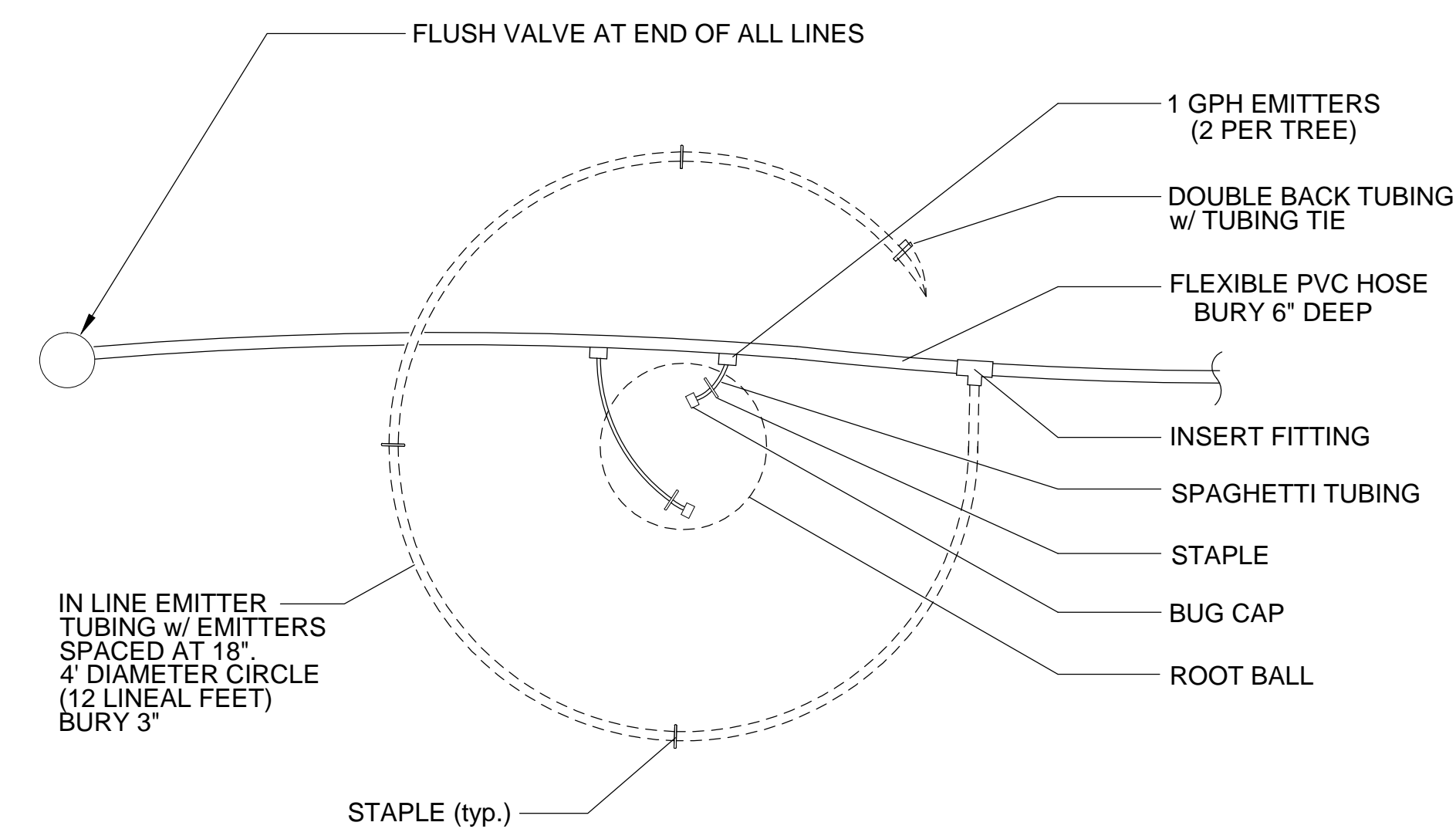


6 DRIPLINE SUBGRADE INSTALLATION  
NTS

TYPICAL DIMENSIONS FOR DRIP LINE GRID LAYOUT IN PLANTING AREAS. COORDINATE PLANTING INSTALLATION WITH GRID LAYOUT TO AVOID DAMAGE TO INSTALLED DRIP LINE AND TO PROVIDE UNIFORM IRRIGATION COVERAGE. INSTALL DRIPLINE PARALLEL TO CONTOUR LINES.

X DIMENSION (INCHES)	Y DIMENSION (INCHES)
12	12

NOTE: REFER TO PLANTING PLAN FOR PLANT SPACING




3 TREE EMITTER LAYOUT  
NTS

Revisions:	Date:	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title	Project Title	Project Number	Office of Construction and Facilities Management	
		<b>rhaa</b> LANDSCAPE ARCHITECTURE + PLANNING SAN FRANCISCO · MILL VALLEY · TAHOE · DELHI 225 Miller Avenue, Mill Valley, CA 94041 T 415.383.7900 F 415.383.1433 www.rhaa.com	<b>POLYTECH ASSOCIATES INC.</b> POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517	IRRIGATION DETAILS	MPD - EMERGENCY SERVICE ANNEX POLICE STATION	640-382	Department of Veterans Affairs	
				Approved Project Director	Location	Building Number		LI202
					795 WILLOW ROAD, MENLO PARK, CA 94025	349 & POLICE STATION		
					Date	Checked	Drawn	Dwg. of
					NOVEMBER 27, 2013	JM	KSJM	



## PLANTING SCHEDULE- BASE PLAN




TREES

SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	DEDUCT ALT #5	QTY	WUCOLS	NOTES
	CER OCC	<i>Cercis occidentalis</i>	Western Red Bud	AS SHOWN	36" box	24" box	9	VL	
	OLE EUR	<i>Olea europaea 'wilsonii'</i>	Wilson Olive tree	AS SHOWN	48" box	36" box	13	VL	NON-FRUITING VARIETY, MULTI-TRUNK
	SEQ SEM	<i>Sequoia sempervirens</i>	Coast Redwood	AS SHOWN	48" box	36" box	3	H	
	QUK AGR	<i>Quercus agrifolia</i>	Coast Live Oak	AS SHOWN	48" box	36" box	4	VL	


## SHRUBS

SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	QTY	WUCOLS
☉	ARC HOW	<i>Arctostaphylos 'howard mcMinn'</i>	Mazanita	4" O.C.	15 GAL	379	VL
☾	CEA GRI	<i>Ceanothus griseus h. 'Yankee Point'</i>	California Lilac	4' O.C.	15 GAL	82	VL
☼	FEI SEW	<i>Feijoa sellowiana</i>	Pineapple guava	4' O.C.	15 GAL	66	L
☿	PER ATR	<i>Perovskia atriplicifolia</i>	Russian Sage	2' O.C.	5 GAL	60	M
♄	RHA CAL	<i>Rhamnus californica</i>	Coffeeberry	3.5' O.C.	15 GAL	117	L

## GROUND COVERS, GRASSES, AND PERENNIALS

SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	QTY	WUCOLS
☉	ARC EDM	<i>Arctostaphylos edmundsii</i> 'carmel sur'	Mazanita	30" O.C.	5 GAL	1172	VL
	FES CAL	<i>Festuca californica</i>	California Fescue	18" O.C.	1 GAL	694	VL
	LEY ARE	<i>Leymus arenarius</i> 'Findhorn'	Findhorn Wild Rye	18" O.C.	5 GAL	1929	L
	TURF	<i>Turf sod</i>			SOD	1,360 SF	

## BIOSWALE

SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	QTY	WUCOLS
	CAR DIV	<i>Carex divulsa</i>	Berkeley Sedge	12" O.C.	5 GAL	592	M

## PLANTING SCHEDULE- DEDUCTIVE ALTERNATE #10 BUILDING AREA REDUCTION


## SHRUBS

SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	ΔQTY	QTY	WUCOLS
☉	ARC HOW	<i>Arctostaphylos 'howard mcMinn'</i>	Mazanita	4" O.C.	15 GAL	+67	446	VL
☽	CEA GRI	<i>Ceanothus griseus h. 'Yankee Point'</i>	California Lilac	4" O.C.	15 GAL	+16	98	VL
🍍	FEI SEW	<i>Feijoa sellowiana</i>	Pineapple guava	4" O.C.	15 GAL	-3	63	L
☯	PER ATR	<i>Perovskia atriplicifolia</i>	Russian Sage	2" O.C.	5 GAL	+50	110	M
☞	RHA CAL	<i>Rhamnus californica</i>	Coffeeferry	3.5" O.C.	15 GAL	-30	87	L

## GROUND COVERS, GRASSES, AND PERENNIALS

SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	ΔQTY	QTY	WUCOLS
	LEY ARE	<i>Leymus arenarius</i> 'Findhorn'	Findhorn Wild Rye	18" O.C.	5 GAL	-73	1856	L

## BIOSWALE

SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	ΔQTY	QTY	WUCOLS
	CAR DIV	<i>Carex divulsa</i>	Berkeley Sedge	12" O.C.	5 GAL	+70	663	M

NOTES:

1. TREE QTY REMAIN THE SAME FOR DEDUCTIVE ALTERNATIVE #10 ONLY TREE LOCATION CHANGES, SEE PLANTING PLAN.
2. PLANTING SCHEDULE ONLY SHOWS QUALITIES THAT DIFFER FROM BASE BID.

## PLANTING SCHEDULE- ALTERNATIVE A- REPLACE BERM WITH WALL

## PLANTS

SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	ΔQTY	QTY	WUCOLS
☉	ARC HOW	<i>Arctostaphylos 'howard mcMinn'</i>	Mazanita	4" O.C.	15 GAL	-39	340	VL
☽	CEA GRI	<i>Ceanothus griseus h. 'Yankee Point'</i>	California Lilac	4" O.C.	15 GAL	+15	97	VL
☾	RHA CAL	<i>Rhamnus californica</i>	Coffeeberry	3.5" O.C.	15 GAL	-11	106	L
☼	ARC EDM	<i>Arctostaphylos edmundsii 'carmel sur'</i>	Mazanita	30" O.C.	5 GAL	-177	995	VL
☼ ☽ ☾ ☉	TURF	<i>Turf sod</i>			SOD	+1210 SF	2546 SF	

NOTES:

1. TREE QTY REMAIN THE SAME FOR DEDUCTIVE ALTERNATIVE REPLACE BERM WITH WALL ONLY TREE LOCATION CHANGES, SEE PLANTING PLAN.
2. PLANTING SCHEDULE ONLY SHOWS QUALITIES THAT DIFFER FROM BASE BID.

[illegible]



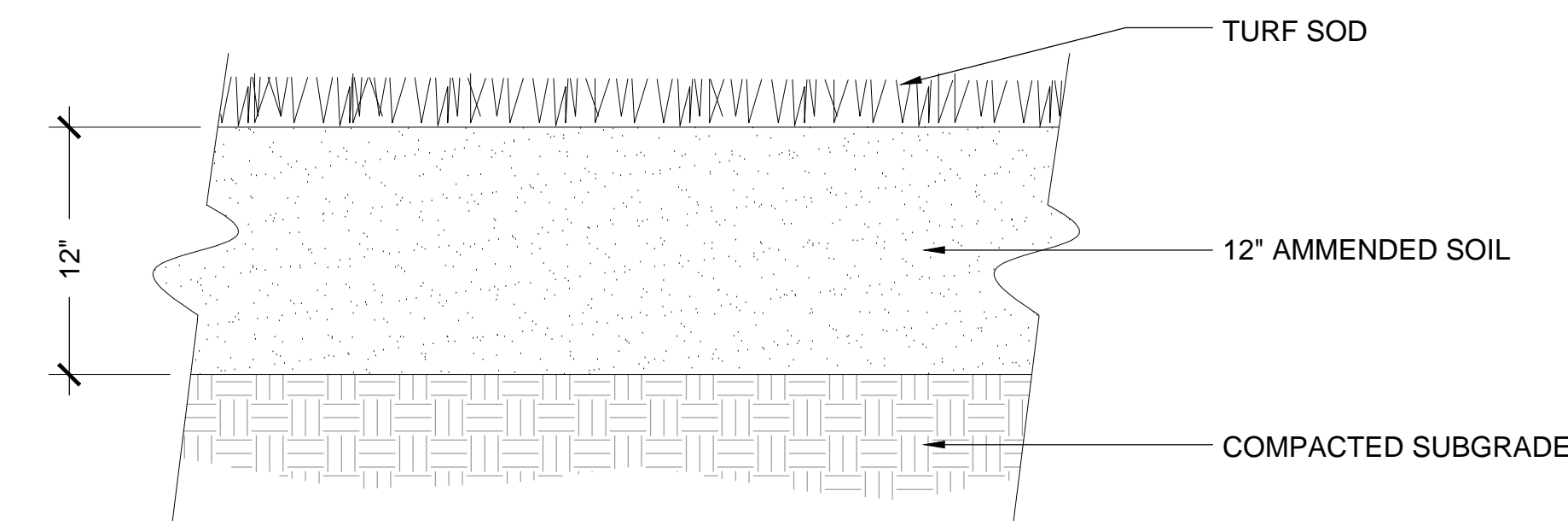




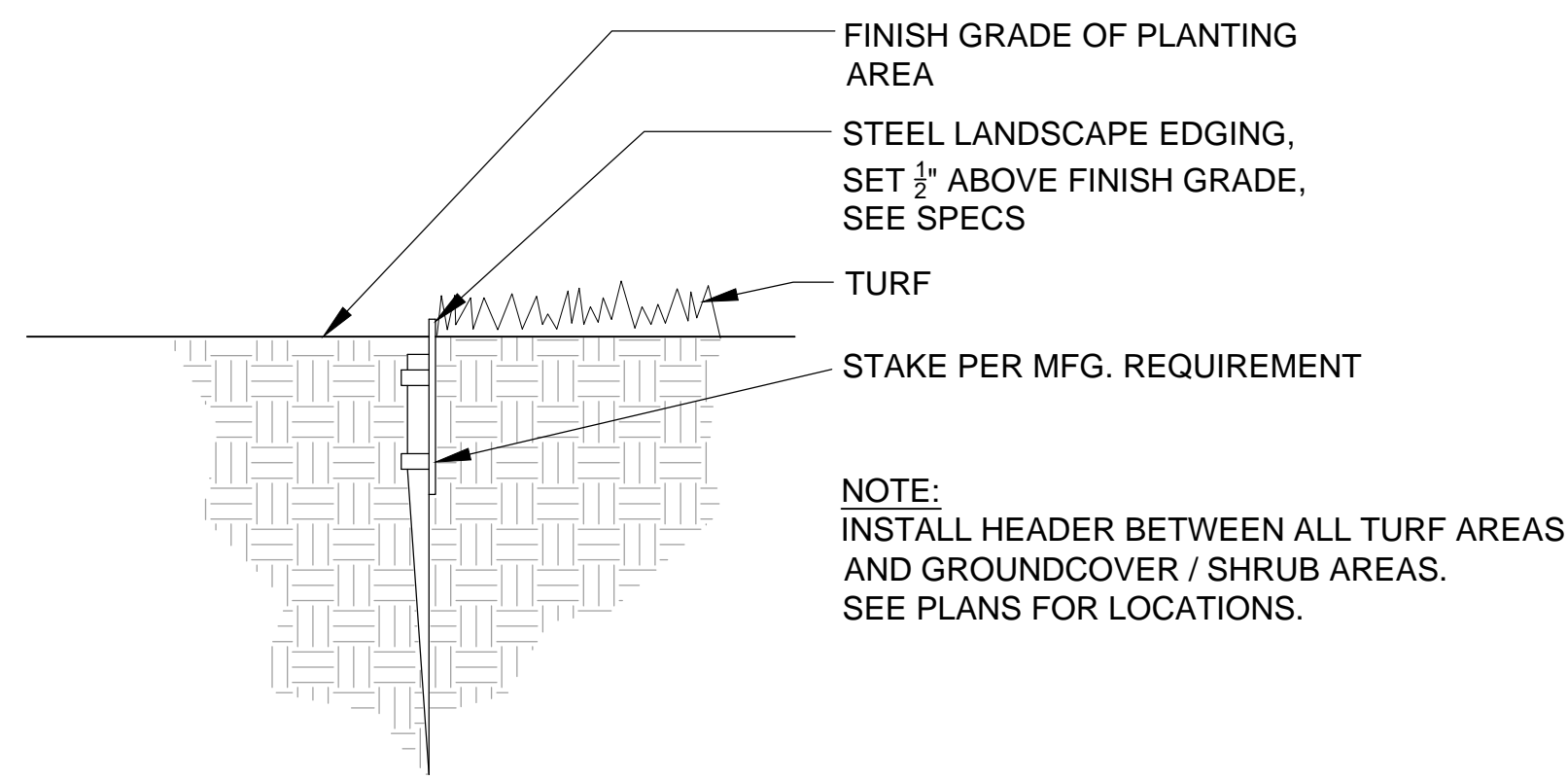




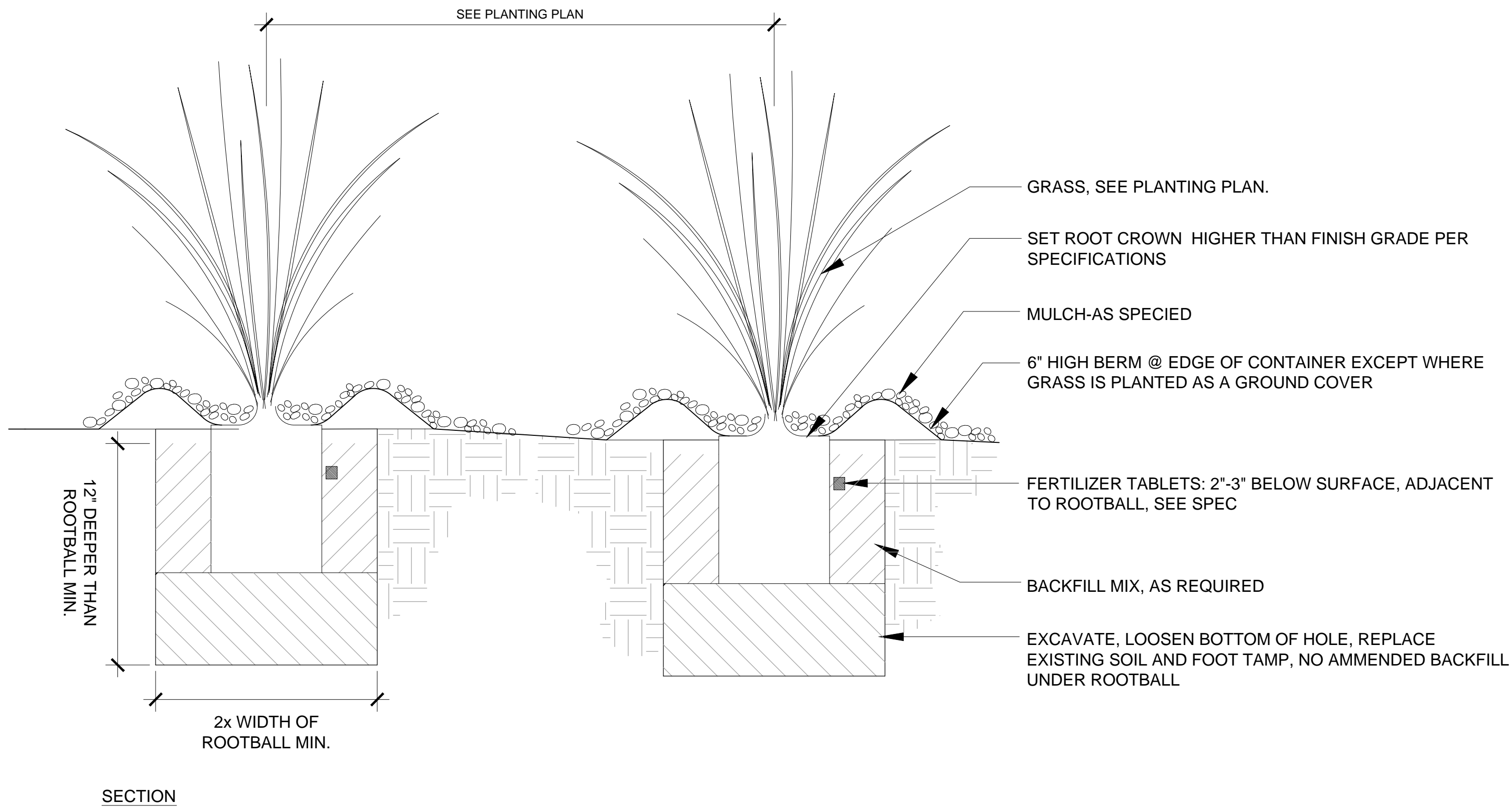
one eighth inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
two inches = one foot  
three inches = one foot  
four inches = one foot  
six inches = one foot  
eight inches = one foot  
ten inches = one foot  
twelve inches = one foot  
fourteen inches = one foot  
sixteen inches = one foot  
eighteen inches = one foot  
twenty inches = one foot  
twenty four inches = one foot  
thirty inches = one foot  
thirty six inches = one foot  
thirty eight inches = one foot  
forty inches = one foot  
forty two inches = one foot  
forty four inches = one foot  
forty six inches = one foot  
forty eight inches = one foot  
fifty inches = one foot  
fifty two inches = one foot  
fifty four inches = one foot  
fifty six inches = one foot  
fifty eight inches = one foot  
sixty inches = one foot  
sixty two inches = one foot  
sixty four inches = one foot  
sixty six inches = one foot  
sixty eight inches = one foot  
seventy inches = one foot  
seventy two inches = one foot  
seventy four inches = one foot  
seventy six inches = one foot  
seventy eight inches = one foot  
eighty inches = one foot  
eighty two inches = one foot  
eighty four inches = one foot  
eighty six inches = one foot  
eighty eight inches = one foot  
ninety inches = one foot  
ninety two inches = one foot  
ninety four inches = one foot  
ninety six inches = one foot  
ninety eight inches = one foot  
one hundred inches = one foot



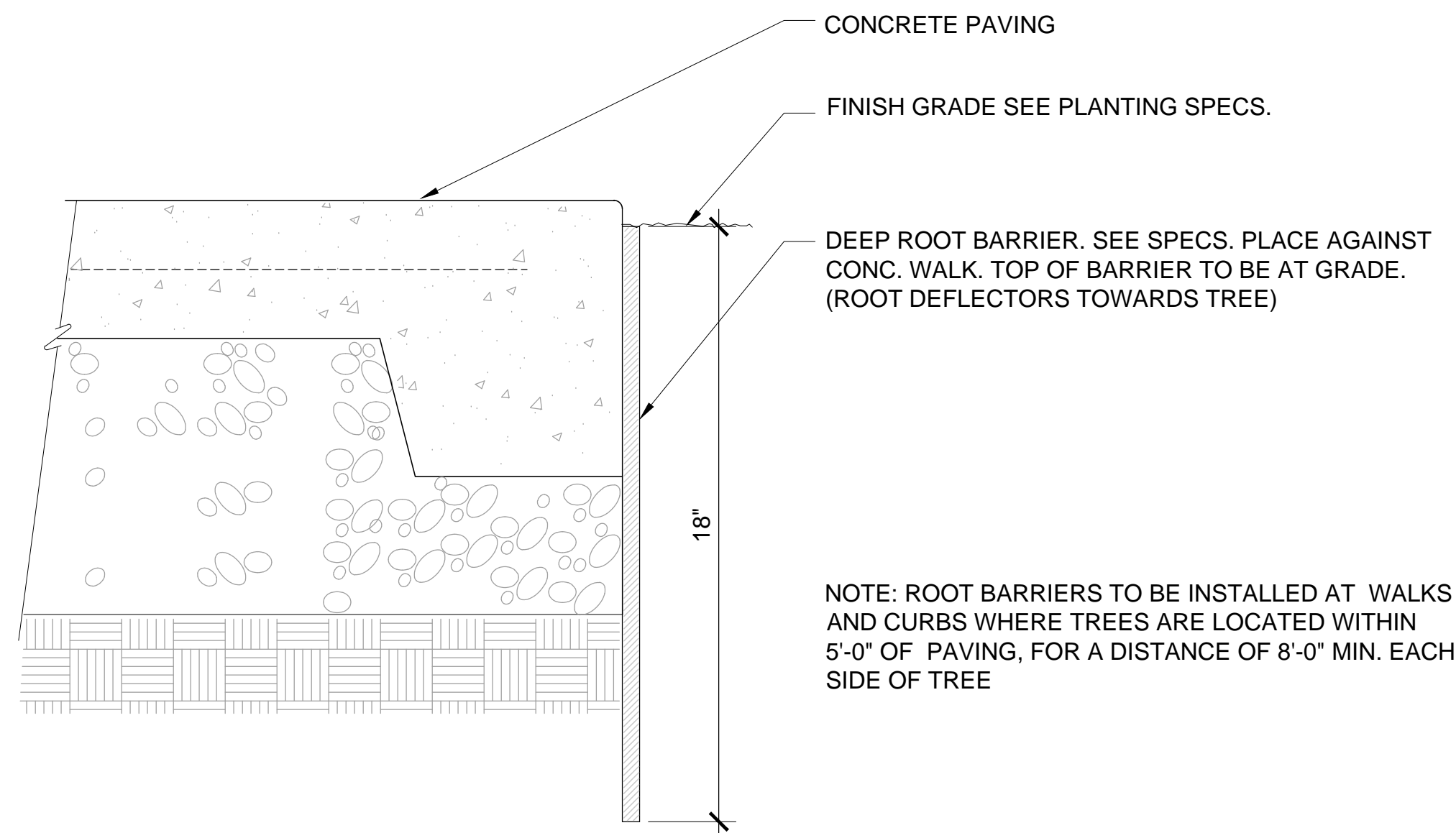
6 TURF  
1 1/2"=1'-0"



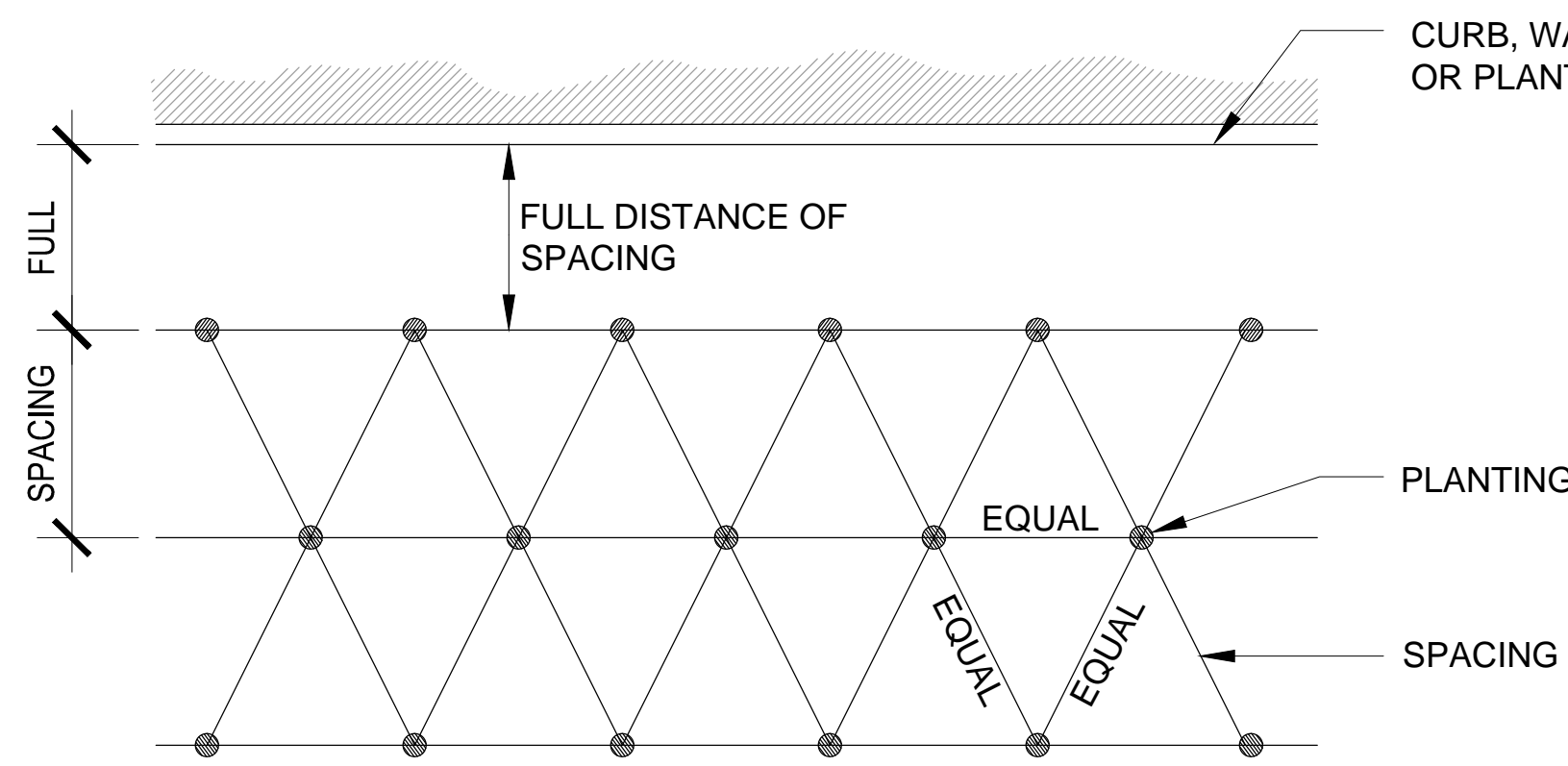
7 LANDSCAPE HEADER, TYP.  
NTS



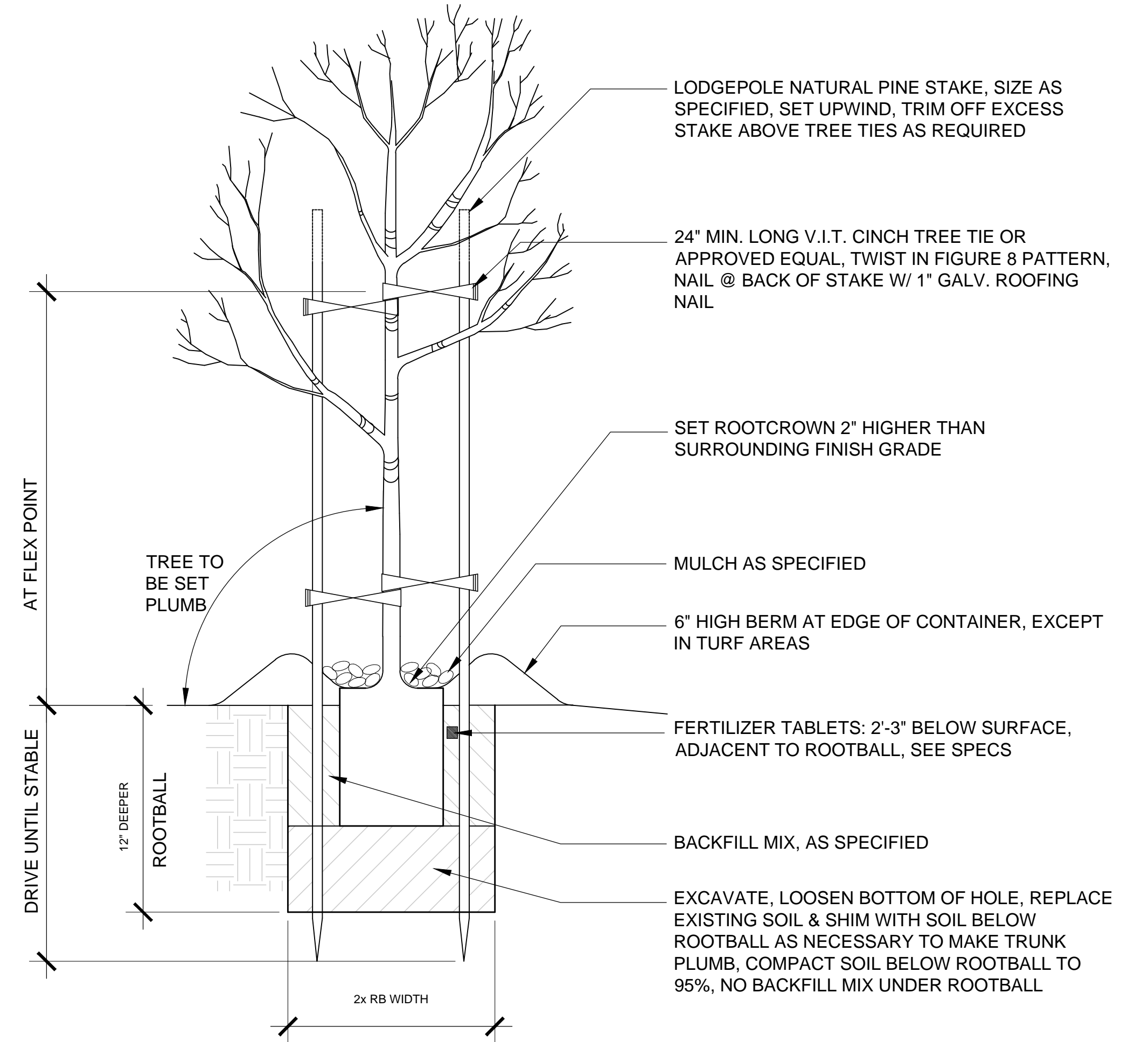
3 GRASS PLANTING  
1"=1'-0"



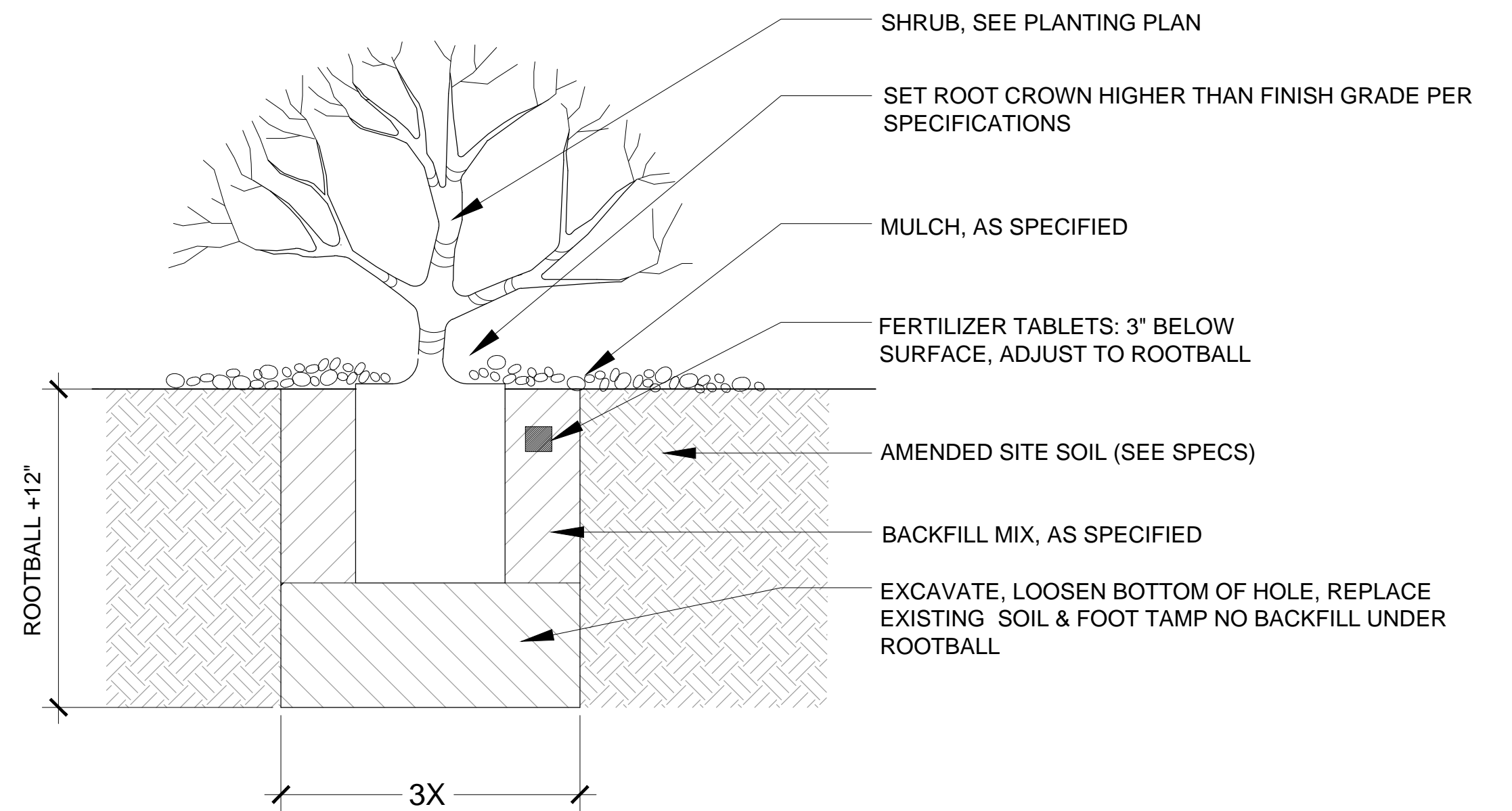
4 TREE ROOT BARRIER  
NTS



5 PLANT LAYOUT, TYP  
3/4"=1'-0"



1 TREE PLANTING  
1"=1'-0"



2 SHRUB & GROUND COVER PLANTING  
1"=1'-0"

Revisions:	Date:	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title	Project Title	Project Number	Building Number	Location	Date	Checked	Drawn	Dwg. of	Office of Construction and Facilities Management	Department of Veterans Affairs
		<b>rhaa</b> LANDSCAPE ARCHITECTURE + PLANNING SAN FRANCISCO MILL VALLEY TAHOE DELHI 225 Miller Avenue, Mill Valley, CA 94041 T 415 383 7900 F 415 383 1433 www.rhaa.com	<b>POLYTECH ASSOCIATES INC.</b> POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517	PLANTING DETAILS	MPD - EMERGENCY SERVICE ANNEX POLICE STATION	640-382	349 & POLICE STATION	795 WILLOW ROAD, MENLO PARK, CA 94025	NOVEMBER 27, 2013	JM	KSJM	LP303		